

本土创造
BENTU

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品牌 BRAND

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好奇

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本土创造 BENTU DESIGN

—— 全球可持续产品标杆品牌 Global Benchmark Brand for Sustainable Products

本土创造成立于2011年。以人文设计为手段，以可持续发展为理念，进行废弃物结合混凝土材料的研发与实验，创新高性能混凝土工艺，最终实现废弃材料的再生运用，促进环境、资源绿色发展。团队深化践行可持续设计理念，设计上则专注探索自由几何形式在家具中的应用和落实。在国内家居行业起到标杆、引领作用，产品设计享誉海内外，囊获多个设计大奖。

Bentu is an independent design brand founded in 2011. Using humanistic design as a means and sustainable development as a concept, we conduct R&D and experiments on waste-concrete materials, innovate highperformance concrete technology, and ultimately realize the recycling and use of waste materials to promote the green development of the environment and resources. BENTU deepens the practice of sustainable design concepts, and the design focuses on exploring the application and implementation of free geometric forms in furniture. It plays a benchmarking and leading role in the domestic home furnishing industry. Its product design is well-known at home and abroad and has won multiple design awards.

品牌已集研发 / 设计 / 生产 / 销售 / 推广于一身，目前产品主要包括：灯具 / 户外家具 / 家居用品礼品 / 墙面装饰材料等。产品已多次获得如德国 IF 设计奖、红点设计奖、日本优良设计大奖等多项国际知名奖项；也已通过如欧洲 CE、澳洲SAA、美国FCC等多项国际专业机构质量认证。产品具有自主知识产权，现有专利 200 余项。产品现已出口到多个国家，如澳洲 / 英法美德 / 俄罗斯 / 荷兰 / 韩国等。

The brand has integrated R&D/design/production/sales/promotion, and the current products mainly include: lamps/outdoor furniture/household items, gifts/wall decoration materials, etc. Products have won many internationally renowned awards such as German IF Design Award, Red Dot Design Award, Japan Good Design Award and so on; It has also passed the quality certification of many international professional organizations such as European CE, Australian SAA, American FCC and so on. It has independent intellectual property rights and has more than 200 patents. Products have been exported to many countries, such as Australia/Britain, France, the United States, Germany/Russia/Netherlands/South Korea, etc.



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01

回收废弃橡胶鞋料家具

RECYCLED WASTE RUBBER SHOE MATERIALS AND FURNITURE

目前全球每年生产约 200 亿双鞋，其中 95% 最终将被送往垃圾填埋场。

一双普通的鞋是由尼龙、聚酯材料、聚氨酯、EVA、TPU、合成橡胶、纺织纤维等数种合成材料组成。其中鞋子外底使用的材料一般是加入炭黑的橡胶和发泡橡胶。橡胶废料分解速度极其缓慢——可能需要 100 多年的时间；焚烧处理橡胶废料每吨会产生 250 公斤以上烟尘和 400 公斤以上有毒气体。垃圾填埋场中大量高度易燃的橡胶废料也带来重大环境和健康问题，并成为啮齿动物和昆虫便利的栖息地，多为危险传染病的源头。

Currently, around 20 billion pairs of shoes are produced globally each year, with 95% ultimately being sent to landfills.

A typical shoe is composed of several synthetic materials, including nylon, polyester, polyurethane, EVA, TPU, synthetic rubber, and textile fibers. The outsoles of shoes generally use rubber with added carbon black and foamed rubber. Rubber waste decomposes extremely slowly, taking over 100 years. Incinerating rubber waste produces more than 250 kg of smoke and over 400 kg of toxic gases per ton. Large amounts of highly flammable rubber waste in landfills pose significant environmental and health issues, serving as convenient habitats for rodents and insects and becoming sources of dangerous infectious diseases.

如今鞋类的消费增长，产品快速更新换代，加剧了橡胶废料堆积速度，对环境构成威胁。

The increasing consumption of shoes and the rapid product turnover exacerbate the accumulation of rubber waste, threatening the environment.





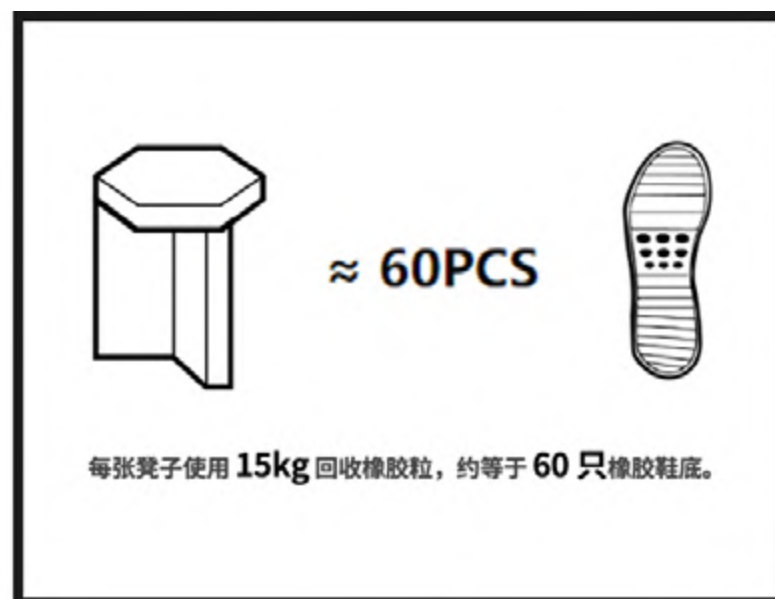
回收废弃橡胶鞋料凳子·兀 WASTE RUBBER SHOES STOOL·WU

坐凳的 90% 原材料为回收鞋料等橡胶，高比例的回收材料使用，减少废弃物的产生和填埋，减轻垃圾处理设施的负担，真正将可持续性的理念转化为实际行动。坐凳具有优异的耐候性能，适用于各种户外场景，长效使用的材料性能有效减少新材料制作与生产的能耗，从而显著降低碳足迹。回收橡胶鞋料材质具有一定的高回弹质感，有效避免在不同场景使用发生碰撞受伤等安全问题。产品采用安全无毒害的胶凝物质，符合环境友好及绿色环保的安全要求，确保使用者的健康和安全。

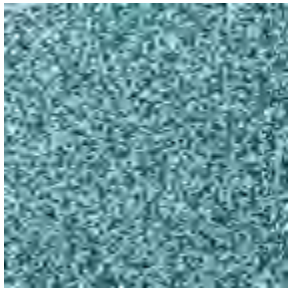
The high proportion of recycled materials reduces waste generation and landfill, lessening the burden on waste treatment facilities and translating sustainability concepts into practical action. The stool's excellent weather resistance makes it suitable for various outdoor scenarios. The long-lasting material performance effectively reduces the energy consumption of new material production, significantly lowering the carbon footprint. The recycled rubber shoe material has a certain high-resilience texture, effectively preventing injuries from collisions in different scenarios. The product uses safe, non-toxic adhesives, meeting environmentally friendly and green safety requirements to ensure user health and safety.



再生橡胶鞋料







凳子 • 兀

主体材料：回收鞋料橡胶
产品尺寸：375×330×H460 mm
产品重量：17.5 kg
使用场景：户外、室内
可选颜色：灰白 / 黑色 / 米黄 / 黄色 / 绿色 / 灰绿 / 蓝色 / 蓝绿 / 橙色

Stools • Wu

Materials: Recycled shoe material rubber
Size: 375×330×H460 mm
Weight: 17.5 kg
Usage scenarios: outdoor, indoor
Optional colors: off-white/black/beige/yellow/green/grey-green/blue/blue-green/orange



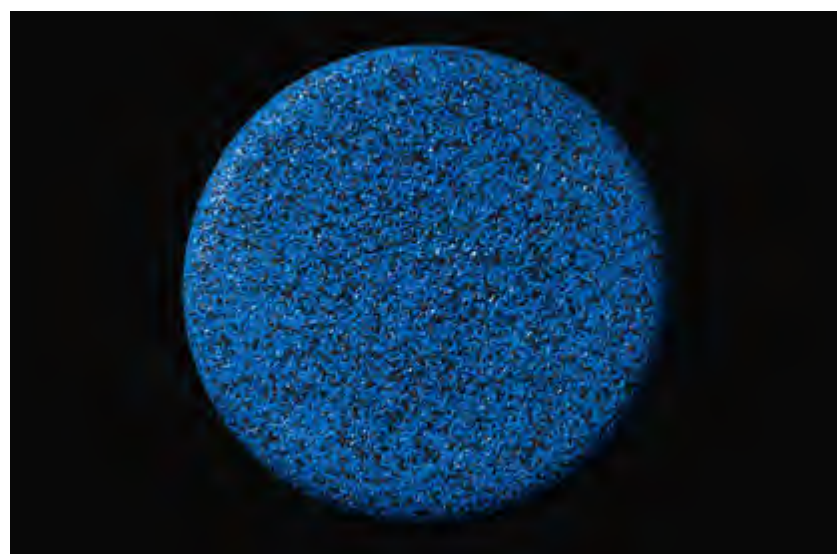
回收废弃橡胶鞋料凳子・旋 WASTE RUBBER SHOES STOOL・XUAN

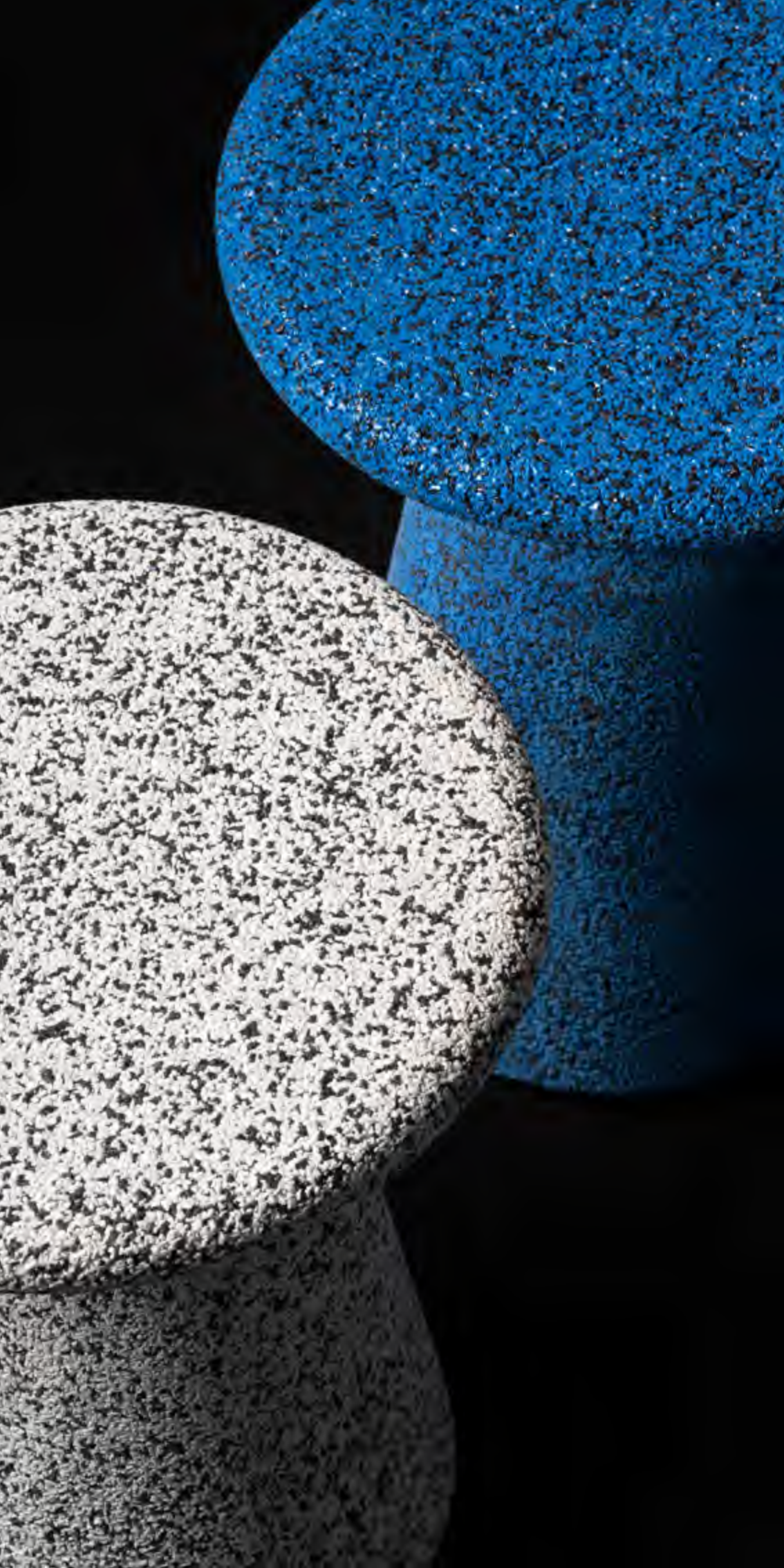
通过将回收橡胶鞋料根据颜色分类破碎并按比例搭配，坐凳展现出个性化的色彩和微观肌理，彰显了先锋性的材料艺术。

By classifying and crushing recycled rubber shoe materials according to color and proportionally matching them, the stool exhibits personalized colors and microtextures, highlighting avant-garde material art.

不同颜色的橡胶碎片经过巧妙组合，创造出视觉上的冲击，展现了材料的多样性和再生的无限可能。

The ingenious combination of rubber fragments in different colors creates a striking visual effect, showcasing the diversity of materials and the infinite possibilities of regeneration.





凳子 • 旋

主体材料：回收鞋料橡胶
产品尺寸：Ø330×H440 mm
产品重量：17.3 kg
使用场景：户外、室内
可选颜色：灰白 / 黑色 / 米黄 / 黄色 / 绿色 / 灰绿 / 蓝色 / 蓝绿 / 橙色

Stools • Xuan

Materials: Recycled shoe material rubber
Size: Ø330×H440 mm
Weight: 17.3 kg
Usage scenarios: outdoor, indoor
Optional colors: Dark blue/blue/light blue/white/black









02

回收废弃城市塑料家具

RECYCLED WASTE URBAN PLASTIC FURNITURE

塑料的发明和使用给人们带来了极大便利，而现代社会的发展使人们愈发依赖塑料。据经济合作与发展组织（OECD）统计，2019 年全球约产生 3.5 亿吨塑料废弃物，其中 45% 被填埋、22% 被随意丢弃在陆地或海洋、17% 被焚烧、仅有 9% 被再次利用。

The invention and use of plastic brought great convenience to people's lives, and as modern society has evolved, our reliance on plastic has only grown. The Organisation for Economic Co-operation and Development (OECD) estimates that in 2019, around 350 million tons of plastic waste were generated worldwide. Of this, 45% was landfilled, 22% was indiscriminately discarded on land or in the ocean, 17% was incinerated, and only 9% was recycled.

我国是世界塑料生产和使用大国，其中多种塑料产品，如聚氯乙烯（PVC）、氨基模塑料等产量已经位于全球首位，且进一步增长的潜力仍然十分巨大。

这些塑料使用之后，一部分由于没有得到及时有效的收集处理而进入环境，并在环境中发生破碎、腐化，给地表水、土壤和海洋等带来严重的环境污染。

China is the world's largest producer and consumer of plastic, with many plastic products, such as polyvinyl chloride (PVC) and amino molding compounds, ranking first in global production. The potential for further growth remains significant. After use, some of this plastic enters the environment due to a lack of timely and effective collection and treatment. Once in the environment, it breaks down and degrades, causing severe pollution to surface water, soil, and oceans.





回收城市塑料边几 / 凳 • # URBAN PLASTIC SIDE TABLES/STOOLS •

深入佛山塑料回收厂，目睹了塑料废弃物的海洋，它们是城市快速发展背后的另一面，无声地诉说着环境的负担。通过将城市回收塑料垃圾根据颜色分类破碎并按比例搭，建立起独特的色彩系统。在生产中产生的剩余余料，我们也将其转化为 # 上的一抹色彩，这是自然赋予的惊喜，每一件产品都独一无二，每一抹颜色都是对环境的尊重和对生活的热爱。

A visit to a plastic recycling plant in Foshan reveals a sea of plastic waste, a silent testament to the environmental burden behind rapid urban development. By categorizing and breaking down urban recycled plastic waste according to color and then combining it in specific proportions, we create a unique color system. Any leftover materials from production are also transformed into a splash of color on the #, a surprise bestowed by nature. Each product is unique, with every hue representing respect for the environment and a love for life.



高达 100% 塑料垃圾回收，转化为坚实耐用的家具材料。这不仅是对环境的负责，更是对未来的期许。

With up to 100% recycled plastic waste turned into durable furniture materials, this is not just about being responsible for the environment but also about having hope for the future.

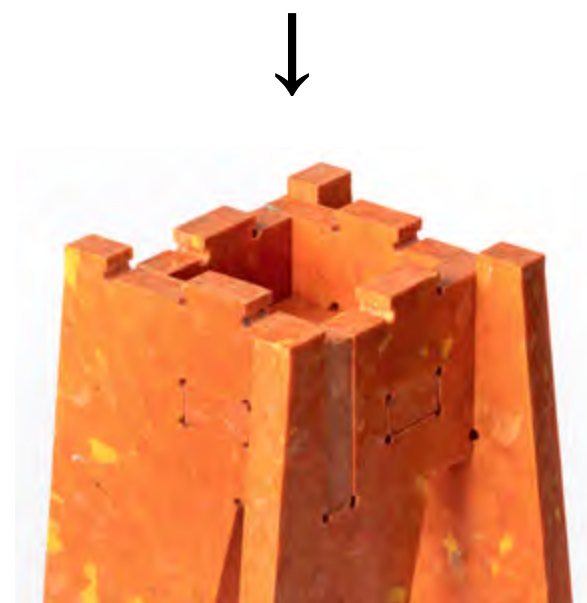
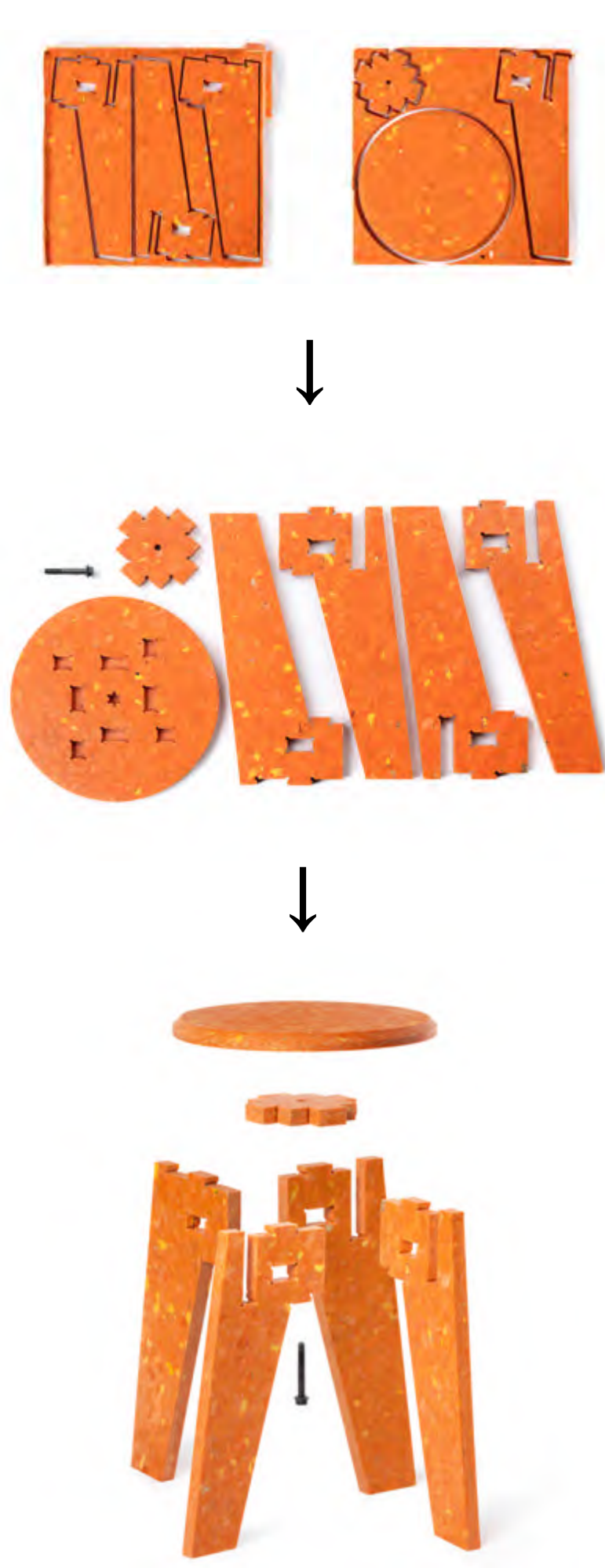




reddot award
design concept







拼装结构，平面化包装的革新。将传统的立体家具转化为易于运输和存储的平面形态，减少运输体积，降低成本，同时大大减少碳足迹。打开包装，几步简单组装，即可享受创造的乐趣。

Assembling Structure, Flat-Pack Packaging Innovation. We transform traditional three-dimensional furniture into a flat-pack form that is easy to transport and store, reducing shipping volume, lowering costs, and significantly cutting the carbon footprint. Once unpacked, a few simple steps allow you to enjoy the joy of creation.

不仅仅是一件家具，也是一件艺术品，一种生活态度。既可作为舒适的座凳，亦可变身为实用的边几。在每一个角落，# 都能完美融入，满足多样化需求。

is not just a piece of furniture; it is also a work of art, a lifestyle statement. It can serve as a comfortable stool or be transformed into a practical side table. In every corner, # seamlessly blends in, meeting diverse needs.



边几 / 凳子 • #

主体材料：回收城市废弃塑料 100%
产品尺寸：Φ335×H450 mm
产品重量：5.5 kg
使用场景：户外、室内
可选颜色：黄色 / 绿色 / 蓝色 / 红色 / 橙色

Side tables/Stools • #

Materials: Recycle 100% of urban waste plastic
Size: Φ335×H450 mm
Weight: 5.5 kg
Usage scenarios: outdoor, indoor
Optional colors: yellow/green/blue/red/orange

1950-2017 年，全球范围内产出的塑料制品约 92 亿吨，其中大约 70 亿吨都成了塑料垃圾。这些塑料垃圾的回收率不到 10%。数以百万吨计的塑料垃圾被丢弃在自然中，或被运到数千公里外倾倒和焚烧。

普遍危机的出现，意味着过去的生产和生活方式不可持续。对塑料垃圾的回收，一是止损其对土地、空气、水源的恶性影响；二是促进资源的可回收利用，实现可持续发展。资源的可持续发展，能够降低行业生产中，对不可再生资源的损耗，并抑制再生资源的浪费。口罩、一次性塑料袋、农业编织袋、城市塑料废弃物.....让废弃塑料进入生产周期中，承担更多社会责任。

From 1950-2017, about 9.2 billion tons of plastic products were produced globally, of which about 7 billion tons became plastic waste. Less than 10% of this plastic waste is recycled. Millions of tons of plastic waste are discarded in nature or transported thousands of kilometers to be dumped and incinerated.

The emergence of a generalized crisis means that past production and lifestyles are not sustainable. Recycling of plastic waste, Prstly, stops its vicious impact on land, air and water; secondly, it promotes the recyclable use of resources and realizes sustainable development. The sustainable development of resources can reduce the loss of non-renewable resources in the production of the industry and curb the waste of renewable resources. Masks, disposable plastic bags, agricultural woven bags, urban plastic waste ... let the waste plastic into the production cycle, take more social responsibility.

回收塑料椅子 • H

主体材料：金属、回收编织袋 / 回收口罩 / 回收塑料袋

产品尺寸：580×550×H760 mm

产品重量：6 kg

使用场景：室内

可选颜色：红色 / 蓝色 / 绿色 / 黑色 / 白色 / 橙色 / 黄色 / 混杂色

Materials: Metal, Recycled Woven Bags/Recycled Plastic/Recycled Masks/
Recycled Plastic Bags

Size: 580×550×H760 mm

Weight: 6 kg

Usage scenarios: indoor

Optional colors: Red/Blue/Green/Black/White/Orange/Yellow/Mixed Color









本土创造应邀参加 2023 河北国际工业设计周，塑料系列椅子 H 首次面向大众。

BENTU design was invited to participate in the 2023 Hebei International Industrial Design Week, Plastic Series Chair H is available to the general public for the first time.

践行资源回收利用的优良范例，不仅是一种证明，更是一种社会语境内前瞻性的引领与启迪。打开行业个体对废渣的传统认知，以“塑料废物的可应用”促进回收观念的企业化普及。激发产业需求，从点到面推动行业主体意识与观念变革，赋能社会资源循环有机发展。

The excellent example of practicing resource recycling is not only a proof, but also a forward-looking leadership and enlightenment within the social language. It opens up the traditional perception of waste residue by individuals in the industry, and promotes the popularization of the concept of recycling through the "application of plastic waste". It stimulates industrial demand, promotes changes in the awareness and concepts of the industry from point to face, and empowers the organic development of social resource recycling.



03

3D 打印回收塑料 PET/PLA RECYCLING PLASTIC PET/PLA BY 3D PRINTING

塑料的发明和使用给人们带来了极大便利，而现代社会的发展使人们愈发依赖塑料。据经济合作与发展组织（OECD）统计，2019 年全球约产生 3.5 亿吨塑料废弃物，其中 45% 被填埋、22% 被随意丢弃在陆地或海洋、17% 被焚烧、仅有 9% 被再次利用。

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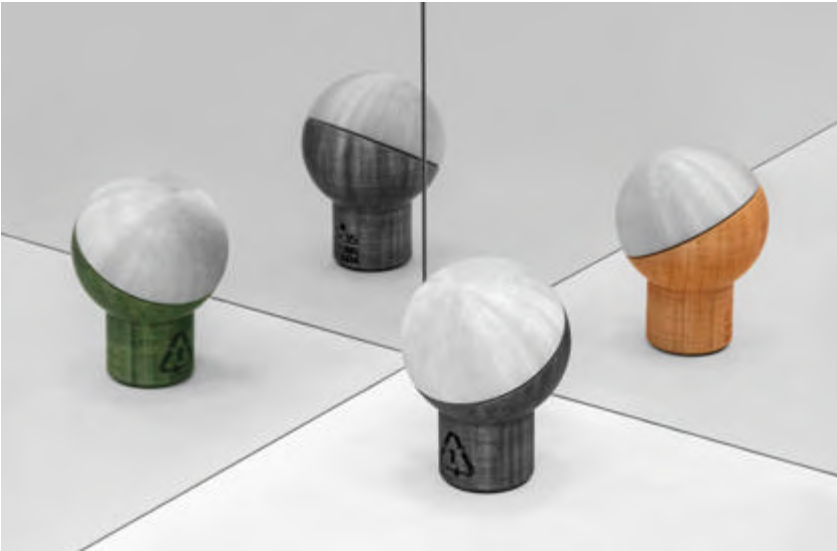


3D 打印城市塑料瓶 PET 吊 / 台灯 • 皇 3D PRINTING PLASTIC BOTTLE PET HANGER/DESK LAMP

埋入地下的塑料瓶，会对土壤和地下水造成污染。流入海洋的塑料瓶，难免会被一些海洋生物误食，最终又通过食物链循环，让人类自食其果。一个塑料瓶会污染环境很多年，是你没法想象的数据。海水、海岸和其他自然环境面临着塑料污染的危害。据相关统计，2016 年全球塑料瓶消费量达到 4800 亿个，但得到回收的不到一半，其中仅有 7% 被重复利用。大多数都是混进垃圾中被填埋或流入海洋。

Buried plastic bottles will pollute the soil and groundwater. Plastic bottles that flow into the ocean will inevitably be eaten by some marine life, and eventually through the food chain cycle, let human beings eat their own fruit. A plastic bottle will pollute the environment for many years, which is beyond your imagination. Seawater, coast and other natural environment are facing the harm of plastic pollution. According to relevant statistics, the global consumption of plastic bottles reached 480 billion in 2016, but less than half of them were recycled, of which only 7% were reused. Most of them are mixed with garbage and buried in the sea.





3D 打印回收 PET 塑料瓶吊灯 / 台灯 • 星

主体材料：3D 打印回收 PET 塑料瓶、回收黑铝（灯盘）
产品尺寸：Ø200*H280 mm
使用场景：室内
可选颜色：黑色 / 绿色 / 橙色
电线规格：黑色，吊灯 / 约 3 米，台灯 / 约 1.7 米
光源色温：E27 LED、3W、2700K
额定电压：220-240V

3D printing recycling PET plastic bottle chandelier/desk lamp • NIE

Main materials: 3D printing recycled PET plastic bottles and recycled black aluminum (lamp panel).
Product size: Ø200 * H280mm
Usage scene: indoors
Optional colors: black/green/orange
Wire specifications: black, chandelier/about 3m, desk lamp/about 1.7m.
Colour Temperature: E27 LED、3W、2700K
Voltage: 220 -240V





3D 打印 PLA 生物可降解塑料吊灯 · 流 3D PRINTING PLA LAMPS · FLUID

可降解材料作为环保材料中的重要组成正在努力解决不可降解塑料所创造的百年难解的白色恐怖问题。着眼于中国的双碳战略目标，生物基生物降解塑料全生命周期排放的温室气体总量较低。生物基代塑材料应用于日常化设计中可以将可持续生活方式的观念更好的渗透于生活，更广泛地流通。我们将淀粉基生物可降解材料作为代塑材料与 3D 打印技术结合，创作完成的照明产品“流”是一次可持续材料与设计的实践应用。

Degradable materials, as an important component of environmental protection materials, are trying to solve the century-old white terror problem created by non-degradable plastics. Focusing on the strategic goal of double carbon in China, the total amount of greenhouse gases emitted by bio-based biodegradable plastics in the whole life cycle is low. The application of bio-based plastic substitute materials in daily design can better penetrate the concept of sustainable lifestyle into life and spread it more widely. We combine starch-based biodegradable materials as plastic replacement materials with 3D printing technology, and the created lighting product "Liu" is a practical application of sustainable materials and design.



应用：2022 年宜昌长江大保护可持续艺术实践展 展览现场



3D 打印 PLA 生物可降解塑料吊灯 • 流

主体材料：3D 打印 PLA 生物可降解材料、回收黑铝（灯盘）
产品尺寸：600*283*H288 mm
电线规格：黑色，约 3 米
使用场景：室内
光源色温：E27 LED、G45 球泡、4*9W、三色调光约 3000K-4500K-6500K
额定电压：220V

3D printing PLA biodegradable plastic chandelier • FLUID

Main materials: 3D printed PLA biodegradable material, recycled black aluminum (lamp panel)
Product size: 600*283*H288 mm
Wire specification: black, about 3 meters
Usage scene: indoors
Color temperature of light source: E27 LED, G45 bulb, 4*9W, trichromatic light about 3000K-4500K-6500 K
Rated voltage: 220V





04

3D 打印生物基材料（咖啡渣 / 茶叶渣 / 橘皮 / 海藻 / 贝壳等）

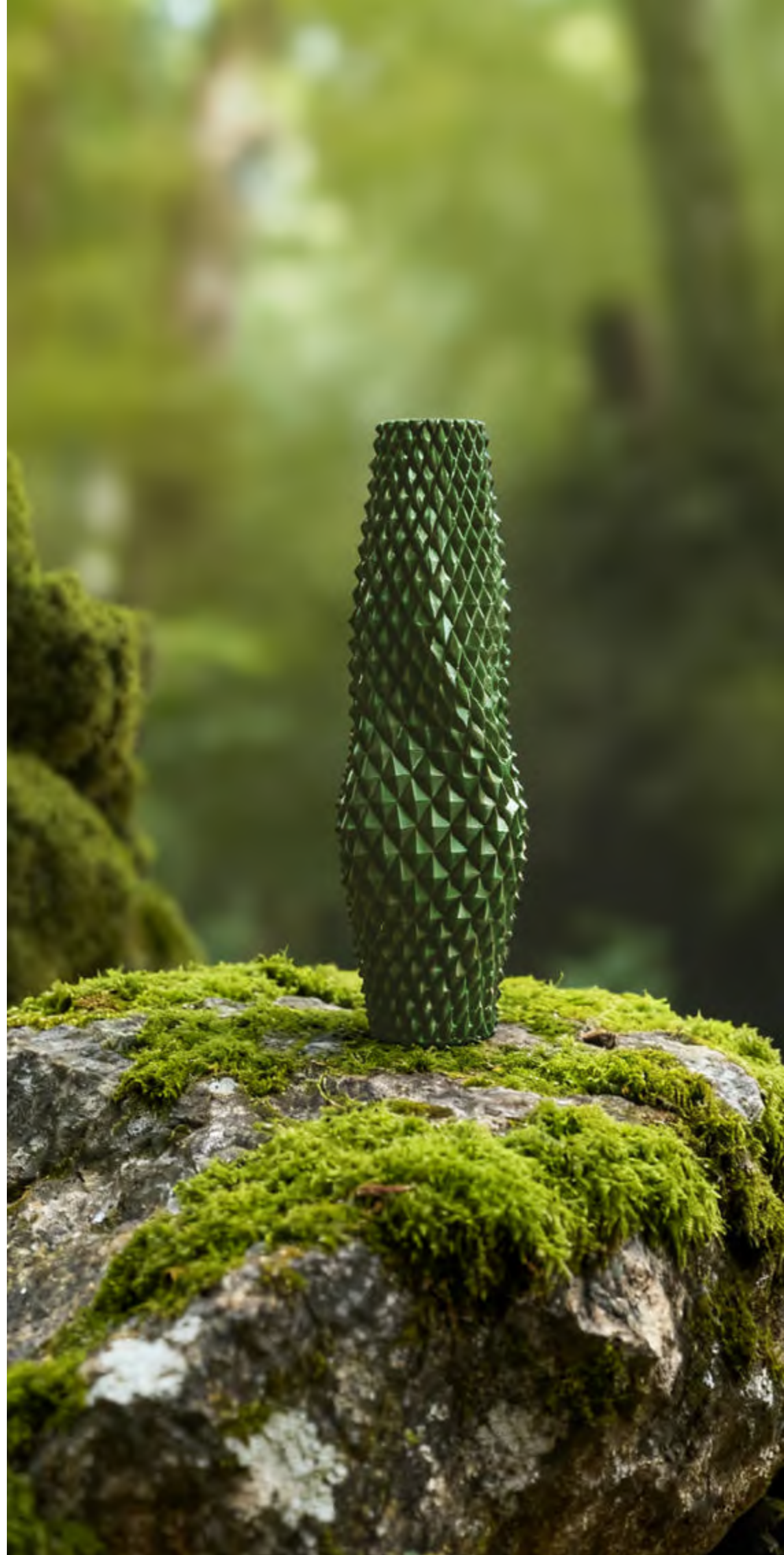
3D PRINTING BIO-BASED MATERIALS (COFFEE GROUNDS/ TEA GROUNDS/ORANGE PEEL/SEAWEED/ SHELLS)

石油基材料透支地质年代的碳，而生物基材料以年为单位，利用植物光合作用实现碳的循环。从咖啡渣、果皮到贝壳，本土创造将这些日常有机废弃物与 PHA 胶凝基材、3D 打印技术结合，构建出既能完全降解、又富有质感与温度的生物基材料体系，真正完成从“消耗储备”到“利用流量”的转变。

Petroleum-based materials deplete carbon stored over geological timescales, whereas bio-based materials operate on an annual cycle, using plant photosynthesis to achieve carbon circulation. By combining everyday organic waste—such as coffee grounds, fruit peels, and shells—with PHA as a binder and 3D printing technology, Tellspec creates a bio-based material system that is both fully biodegradable and rich in texture and warmth, truly realizing the shift from "consuming reserves" to "utilizing renewable flows."

这一结合不仅是工艺创新，更是对“从摇篮到摇篮”设计理念的践行。通过将农业与食品加工的废料转化为可降解、高性能的产品，生物基材料让日常消费品从“用完即弃”转变为可回归自然的生态服务，使每一次消费与创造，都成为对地球的善意投资。

This integration is more than a process innovation; it is a practice of the "cradle-to-cradle" design philosophy. By transforming agricultural and food processing waste into degradable, high-performance products, bio-based materials turn everyday consumer goods from "disposable" items into ecological services that can return to nature, making every act of consumption and creation an investment in the well-being of the planet.









PHA 生物质废弃物 3D 打印花瓶 • 用

主体材料：PHA、茶叶渣 / 白贝壳 / 咖啡渣 / 海藻渣 / 橘子皮
产品尺寸：100x97xH260 mm
产品净重：94 g

PHA Biomass Waste3D-Printed Vase • YONG

Main materials: PHA, tea residue/white shell/coffee grounds/seaweed residue/orange peel
Product size: 100x97xH260 mm Net
Weight: 94 g







05-1

回收建筑废料 3D 打印家具

RECYCLED BUILDING WASTE 3D PRINTED FURNITURE

重构产品设计的底层逻辑：无机固废 3D 打印技术的影响

Reconstructing the Logic of Product Design: The Impact of 3D Printing with Inorganic Solid Waste

利用无机固废（建筑垃圾与工矿垃圾）进行的 3D 打印技术，正在三个关键层面重新定义产品设计中的 " 可持续性 "：

3D printing with inorganic solid waste (construction and industrial waste) is redefining sustainability in product design across three key levels:

从全球供应链到 " 零公里材料 "

该技术将当地的拆除废料转化为主要原材料，从而结束对外部 " 绿色 " 材料的依赖，并启动本地化的物质循环。

From Global Supply Chains to "Zero-Kilometer Materials"

It transforms local demolition waste into the primary resource, ending dependence on external "green" materials and initiating a local material cycle.

大幅减少废料与碳排放

通过算法优化的打印方式可减少 30-60% 的材料用量，并通过省去运输、模具生产及高能耗养护环节，使整体碳排放降低超过 65%。

Radical Reductions in Waste and Carbon

Algorithm-optimized printing reduces material use by 30-60% and cuts overall carbon emissions by over 65% by eliminating transport, molds, and high-energy curing.

性能集成与文化深度

它能够实现传统模具无法完成的复杂高性能结构（如晶格结构或多孔表面）。更重要的是，它能将固废本身的历史肌理 " 编码 " 进设计形态中，使 " 可持续 " 从一个冰冷的指标，转变为可触摸的集体文化记忆。

Integrated Performance & Cultural Depth

It enables complex, high-performance structures (like lattices or porous surfaces) impossible with traditional molds. Furthermore, it embeds the historical texture of the waste into the design, turning "sustainability" from a cold metric into a tangible cultural memory.













3D 打印回收建筑废料椅子 · 父

主体材料：BTPC、回收建筑废料、潮州日用陶瓷沙、粉煤灰、活性硅粉、高分子材料
产品尺寸：L715xW580xH720 mm
产品重量：110 kg
使用场景：户外、室内
可选颜色：水墨 / 墨绿 / 朱红 / 茶褐 / 天青

3D-Printed Chair Recycled from Construction Waste · Pu

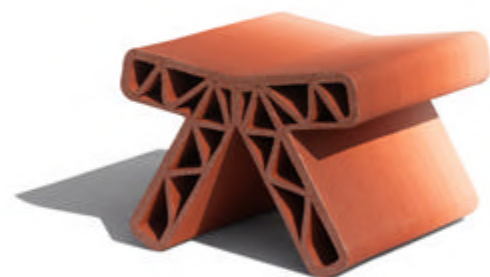
Materials: BTPC, recycled construction waste, Chaozhou daily-use ceramic sand, fly ash, activated silica fume, polymer material
Size: L715xW580xH720 mm
Weight: 110 kg
Usage scenarios: outdoor, indoor
Optional colors: ink wash / dark green / vermilion / tea brown / sky blue

3D 打印回收建筑废料凳子 · 又

主体材料：BTPC、回收建筑废料、潮州日用陶瓷沙、粉煤灰、活性硅粉、高分子材料
产品尺寸：L580xW430xH540 mm
产品重量：70 kg
使用场景：户外、室内
可选颜色：水墨 / 墨绿 / 朱红 / 茶褐 / 天青

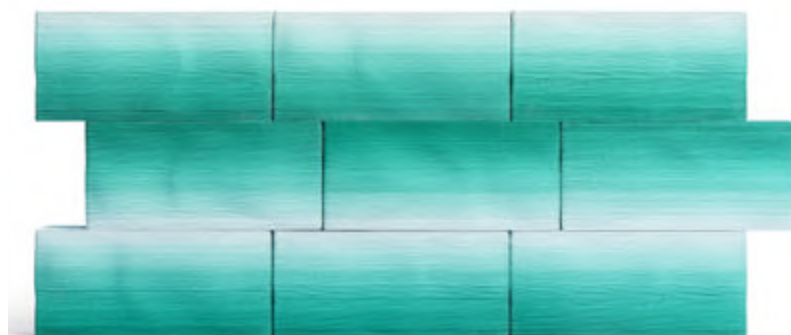
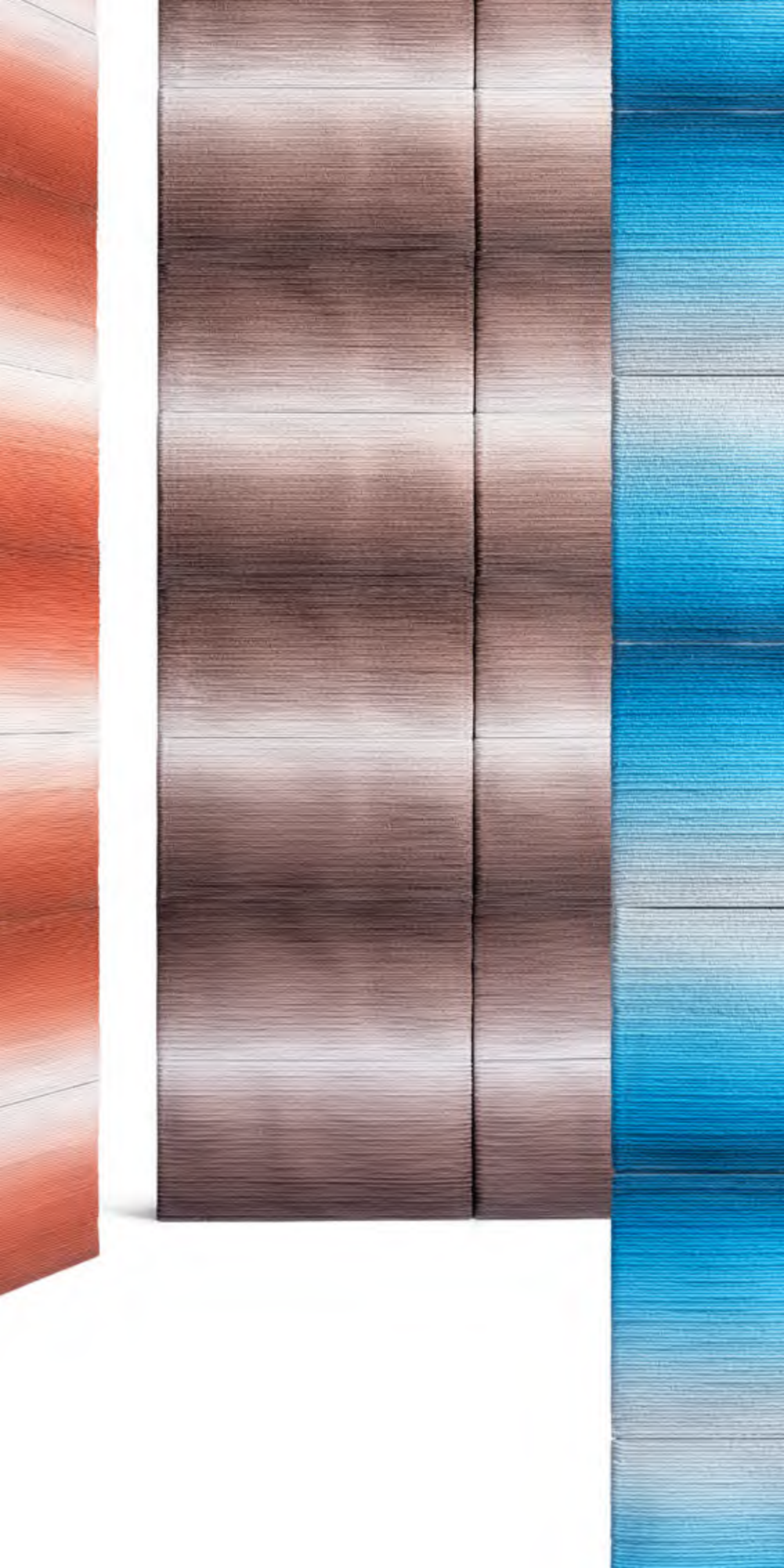
3D-Printed Stool Recycled from Construction Waste · You

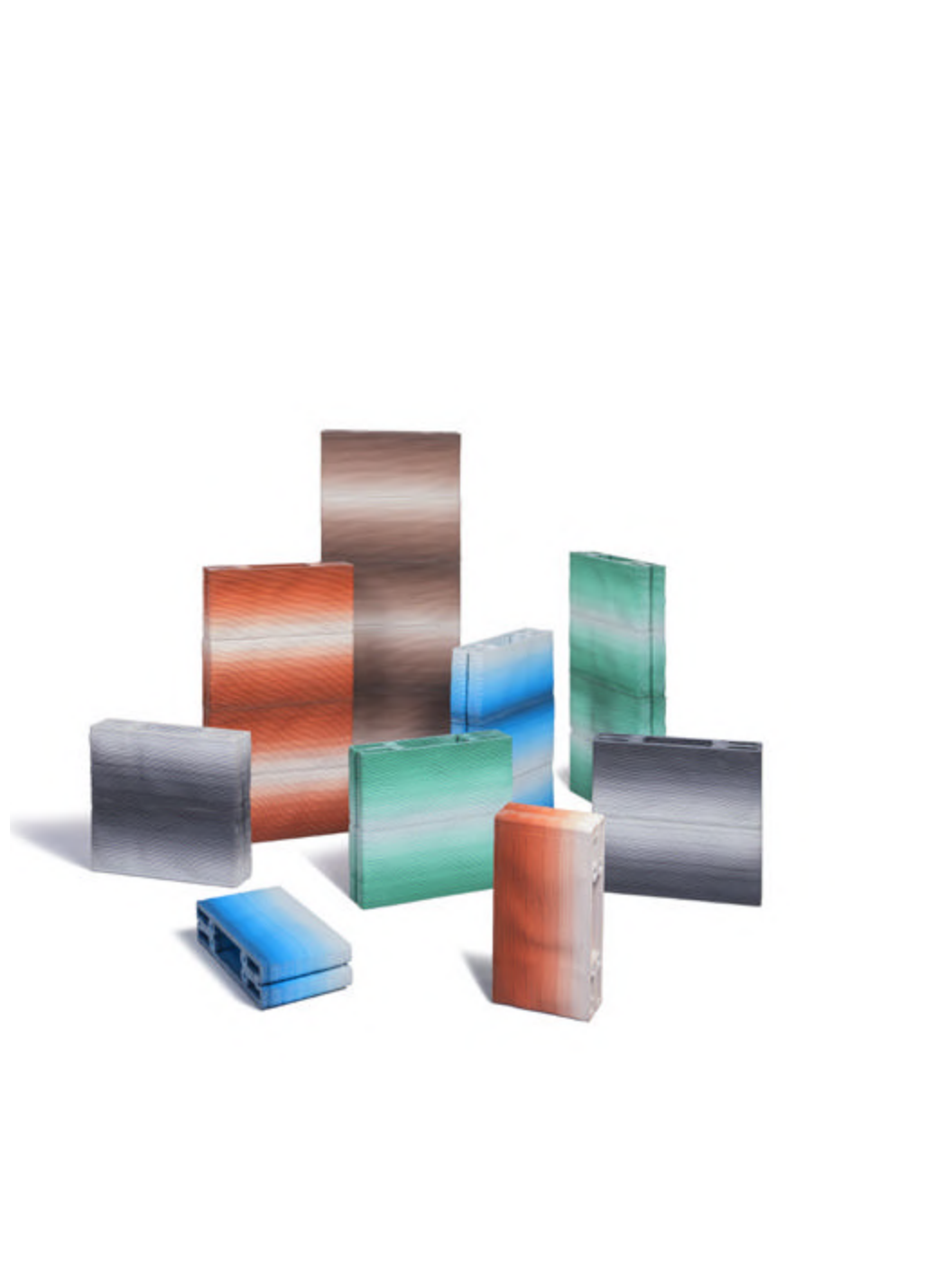
Materials: BTPC, recycled construction waste, Chaozhou daily-use ceramic sand, fly ash, activated silica fume, polymer material
Size: L580xW430xH540 mm
Weight: 70 kg
Usage scenarios: outdoor, indoor
Optional colors: ink wash / dark green / vermilion / tea brown / sky blue









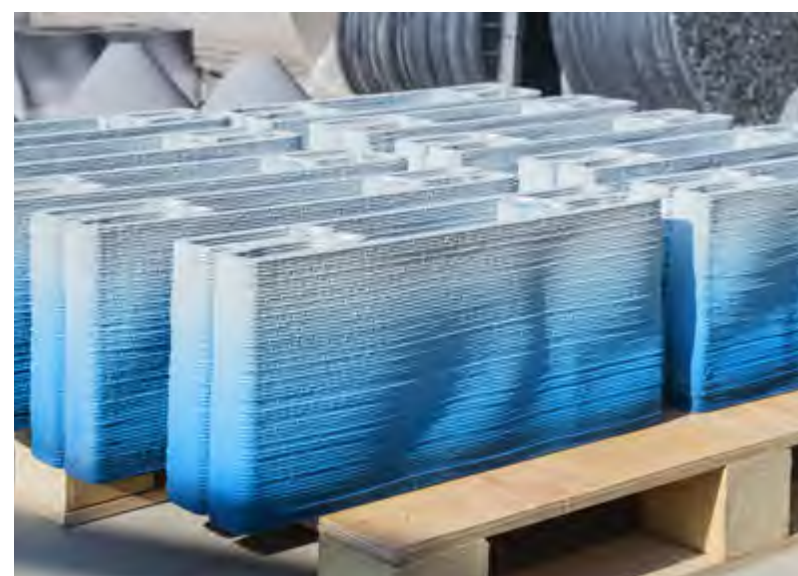
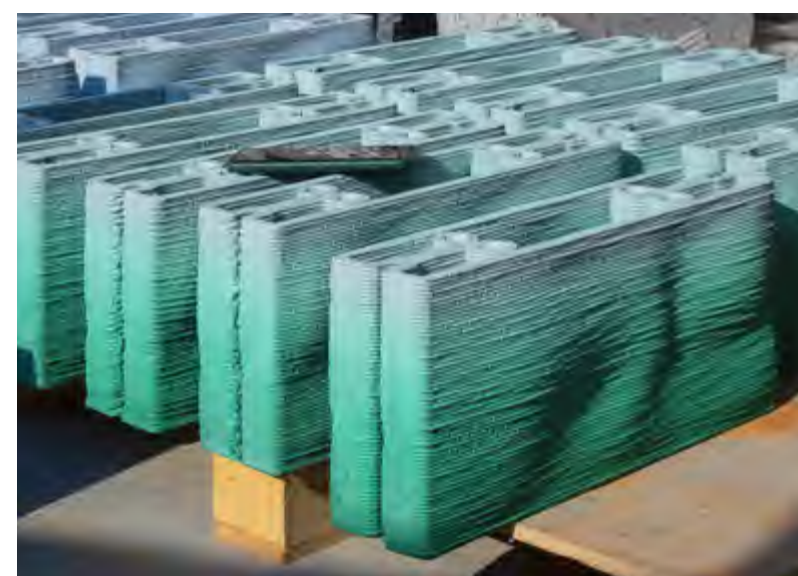
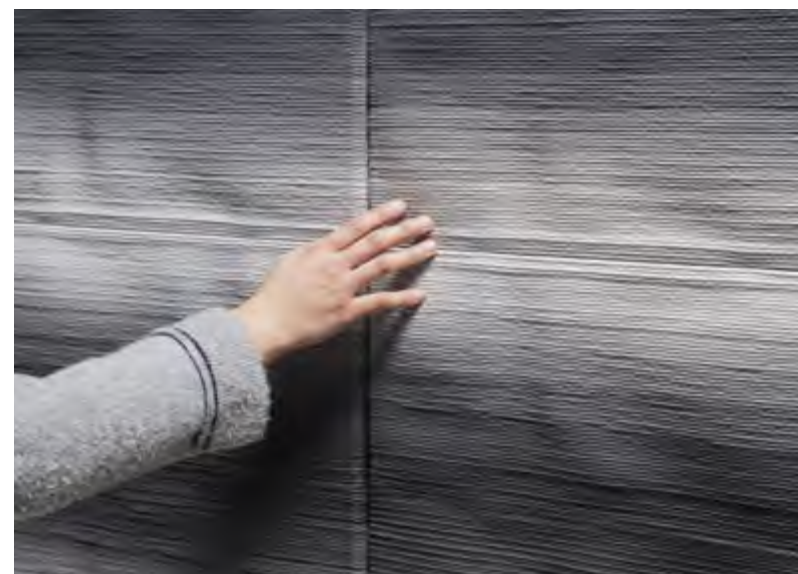
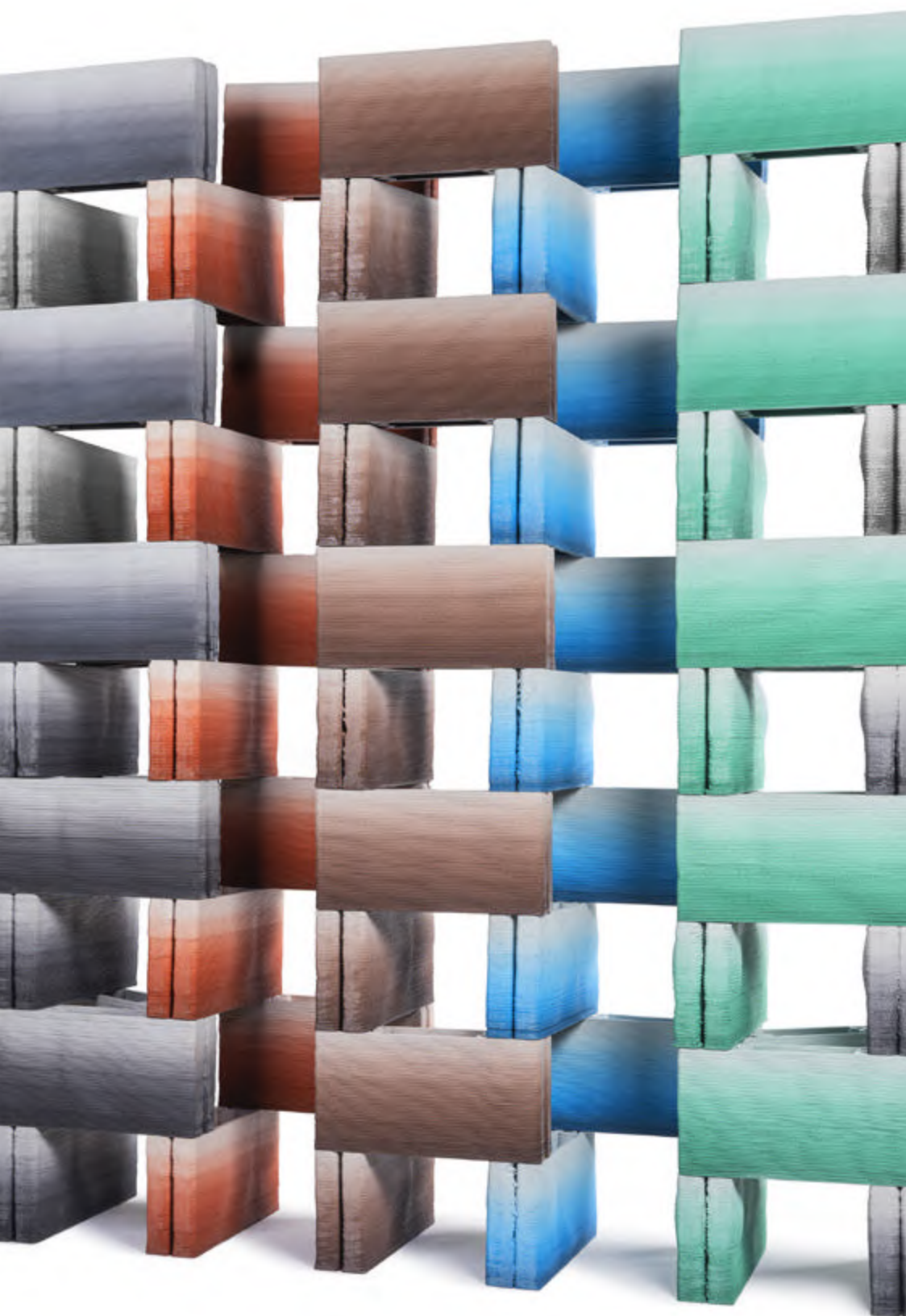


3D 打印回收建筑废料装饰砖 · 四

主体材料：BTPC、回收建筑废料、潮州日用陶瓷沙、粉煤灰、活性硅粉、高分子材料
产品尺寸：L440xW110xH215 mm
产品重量：6 kg
使用场景：户外、室内
可选颜色：水墨 / 墨绿 / 朱红 / 茶褐 / 天青

3D-Printed Decorative Bricks Recycled from Construction Waste · si

Materials: BTPC, recycled construction waste, Chaozhou daily-use ceramic sand, fly ash, activated silica fume, polymer material
Size: L440xW110xH215 mm
Weight: 6 kg
Usage scenarios: outdoor, indoor
Optional colors: ink wash / dark green / vermilion / tea brown / sky blue





05-2

回收海洋垃圾 3D 打印家具

RECYCLED MARINE GARBAGE 3D PRINTED FURNITURE

随着全球废弃物，尤其是塑料、橡胶等人造材料的不断涌入，海洋表面和深处的生态肌理正悄然发生变化。海洋动物误食塑料垃圾、微塑料渗透入食物链，甚至改变了某些物种的迁徙和繁殖模式。海洋不再是远离人类生活的净土，而是被废弃物的痕迹重塑的场域。

The ocean's ecological texture is shifting as global waste, especially plastics and rubber, infiltrates its waters. Animals ingest plastic waste, while microplastics enter the food chain, altering migration and reproduction patterns of some species.

海洋生物材料，指的是从海洋生物或海洋生态系统中提取或产生的天然材料，既包括有机物质如海藻、浮游生物、鱼皮等，也包括由无机成分构成的生物衍生物如贝壳、珊瑚等。通过生物化学循环，海洋生物材料维系着海洋生态的平衡。

Marine biological materials refer to natural materials extracted or produced from marine organisms or marine ecosystems, including both organic substances such as seaweeds, plankton, fish skins, etc., as well as biological derivatives composed of inorganic components such as shells and corals. Through biochemical cycles, marine biomaterials maintain the balance of marine ecology.

同时，海洋生物材料具有可再生性和环境友好性。随着全球对可持续设计和理念的重视，海洋生物材料越来越被视为可替代传统材料的理想选择。海洋生物材料的使用不仅降低对不可再生资源的依赖，更为现代社会提供了兼顾生态与经济的解决方案。

At the same time, marine biomaterials are renewable and environmentally friendly. With the global emphasis on sustainable design and concepts, marine biomaterials are increasingly seen as an ideal alternative to traditional materials. The use of marine biomaterials not only reduces dependence on non-renewable resources, but also provides an ecological and economic solution for modern society.





“到灯塔去：阅读海洋——2024 深圳可持续文化节：公共艺术展” 展览现场（深圳海上世界文化艺术中心）

3D 打印户外公共家具，分别添加贝壳碎料与海藻，结合潮州陶瓷固废材料而成。

3D printed outdoor public furniture featured in the exhibition are made by adding crushed shells and seaweed respectively, combined with solid waste materials from Teochew ceramics.

海洋生物材料的添加，减少了产品生产对传统高碳、高能耗材料的依赖，从而降低产业生产链中的碳足迹。同时，生物材料的添加为大量产生的海洋生物材料提供了解决方案。实现产业与生态的绿色循环。

The addition of marine biomaterials reduces the reliance on traditional high-carbon, energy-consuming materials for the production of products, thereby lowering the carbon footprint in the industrial production chain. At the same time, the addition of biomaterials provides a solution to the large amount of marine biomaterials produced. Realize the green cycle of industry and ecology.



在海鲜产业发达地区，每年会产生数百万吨的贝壳废料。由于贝壳的硬度高且富含碳酸钙，它可以被应用于建筑材料、农业废料和艺术装饰等多个领域。但仍有大量的贝壳未被有效利用，大量的贝壳废料堆积会形成环境负担。

In areas where the seafood industry is well developed, millions of tons of shell waste are generated each year. Due to its high hardness and rich in calcium carbonate, shell can be used in a variety of applications such as building materials, agricultural waste and art decoration. However, there is still a large amount of shell that is not effectively utilized, and the accumulation of large quantities of shell waste creates an environmental burden.



“到灯塔去：阅读海洋——2024 深圳可持续文化节：公共艺术展” 展览现场（深圳海上世界文化艺术中心）

贝壳 3D 打印户外家具 SHELL 3D PRINTED OUTDOOR PUBLIC FURNITURE



≈ **1560pcs**



一张躺椅使用约 7.8kg 贝壳，约等于 1560 个贝壳（按一个贝壳重量 5g 计算）。

A lounge uses about 7.8kg of shells, which is equivalent to about 1560 shells (based on a shell weight of 5g).





“到灯塔去：阅读海洋——2024 深圳可持续文化节：公共艺术展” 展览现场（深圳海上世界文化艺术中心）

海藻 3D 打印户外家具 ALGA 3D PRINTED OUTDOOR PUBLIC FURNITURE

海藻作为一种快速生长的海洋生物资源，产量巨大。海藻不仅是海洋生态系统的重要组成部分，同时也广泛用于食品、医药和生物燃料等领域。然而，根据《植物生理学杂志》上的研究，尽管海藻具有很高的营养价值和生态应用潜力，但很多地方的海藻资源未能被有效利用。研究指出，很多海藻废料在处理过程中被忽视，仅在少数几个领域（如肥料和生物燃料）得到应用（来源：Plant Physiology Journal, 2020）。

Seaweeds are produced in huge quantities as a fast-growing marine living resource. Seaweeds are not only an important part of the marine ecosystem, but are also widely used in food, medicine and biofuels. However, according to research in the Plant Physiology Journal, despite the high nutritional value and potential for ecological applications of seaweeds, seaweed resources are not being effectively utilized in many places. The study notes that many seaweed wastes are neglected during processing and are only used in a few areas (e.g., fertilizers and biofuels) (source: Plant Physiology Journal, 2020).



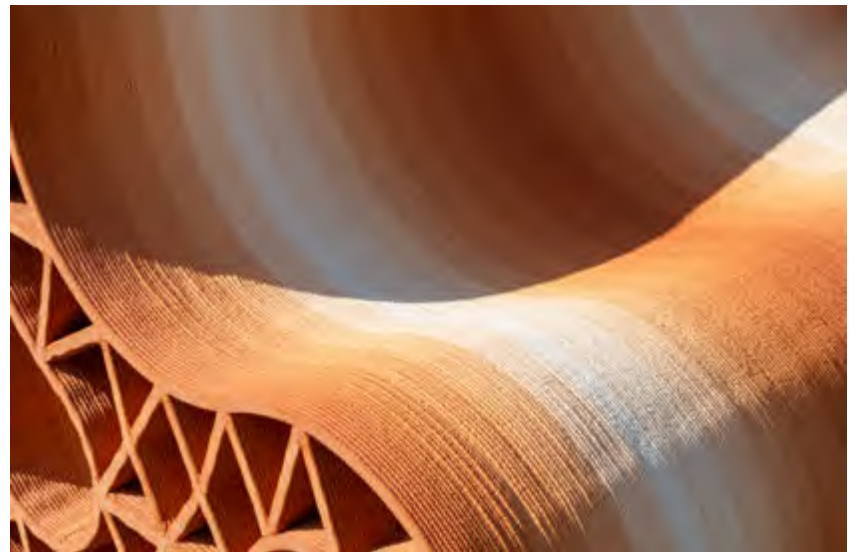
$\approx$ **2.1kg**



一张躺椅使用约 2.1kg 海藻。
A lounge uses about 2.1kg of seaweed.



“到灯塔去：阅读海洋——2024 深圳可持续文化节：公共艺术展” 展览现场（深圳海上世界文化艺术中心）



家具使用 3D 打印工艺完成。

The furniture was completed using the 3D printing process.

3D 打印工艺具有制造快、无模化、可复杂化的优势，从而提高了产品生产的效率，为产品造型的灵活多变提供了可能性。

The 3D printing process has the advantages of fast manufacturing, moldlessness, and complexity, which improves the efficiency of product production and provides the possibility of flexible and versatile product modeling.





应用：杭州市余杭区黄湖镇黄湖大溪公园



结构美学融入产品，流线型的座椅设计，提供了舒适的支撑，适合公共空间中的休闲放松。

Structural aesthetics are integrated into the product with a streamlined seating design that provides comfortable support for casual relaxation in public spaces.

海洋生物材料的应用于 3D 打印工艺所形成的独特的产品肌理重新定义工业化产品的个性化表达。

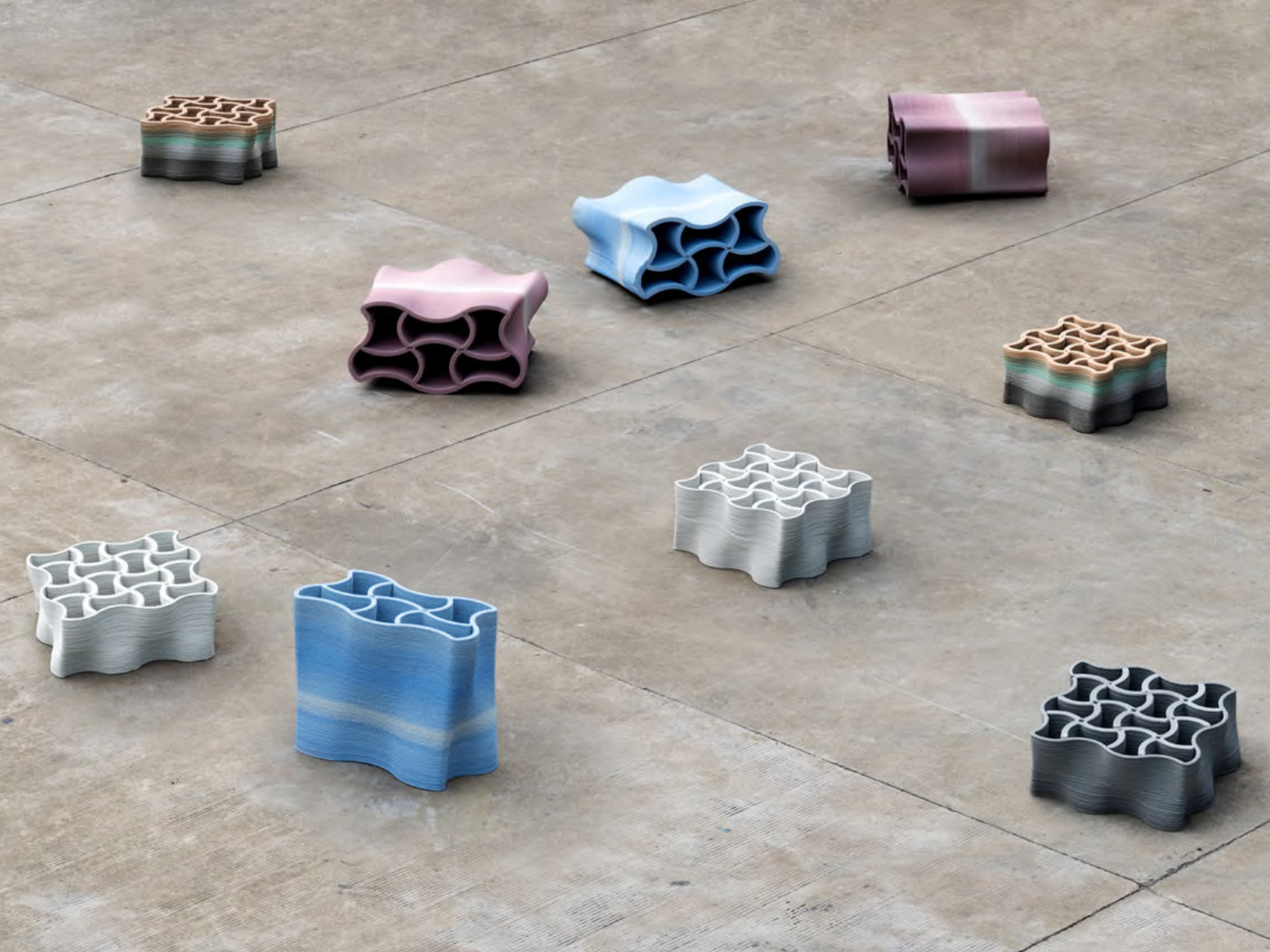
The application of marine biomaterials to the 3D printing process creates unique product textures that redefine the personalized expression of industrialized products.

红色与绿色的自然渐变，提升产品的视觉吸引力，令人联想自然界的景色。

The natural gradient of red and green enhances the visual appeal of the product and is reminiscent of nature.

进行材料与技术的选择其实是进行文化选择。采用可持续材料和现代技术不仅仅是功能上的决策，更是对可持续理念的践行。是现代文明对于可持续理念的重视，并对未来世界负责任的态度。

Making technology choices is really making cultural choices. The use of sustainable materials and modern technology is not just a functional decision, it is the practice of the concept of sustainability. It is a way for modern civilization to take the concept of sustainability seriously and to be responsible for the world of tomorrow.



3D 打印户外家具 3D PRINTED OUTDOOR PUBLIC FURNITURE

3 D 打印凳子的材料表面肌理具有独特性，层状的纹理清晰可见，质感粗糙真实，色彩丰富多样，区别于市面上家具的设计审美。模块化设计，可拼装搭配，灵活应用。不同的地段赋予色彩，活跃公共空间氛围。坐凳不仅满足使用功能，同时还为流浪猫狗等提供了栖身之所，善待生命，体现出对生命的深切关怀，和为保护生物的多样性做出努力。

The surface texture of the 3 D printing stool is unique, the layered texture is clearly visible, the texture is rough and true, and the colors are rich and diverse, which is different from the design aesthetics of furniture on the market. Modular design, can be assembled and matched, flexible application. Different areas give color and enliven the atmosphere of public space. Sitting on the stool not only meets the use function, but also provides shelter for stray cats and dogs, treats life well, shows deep concern for life, and makes efforts to protect biological diversity.





应用：中国东鹏·新材展厅（湖口）







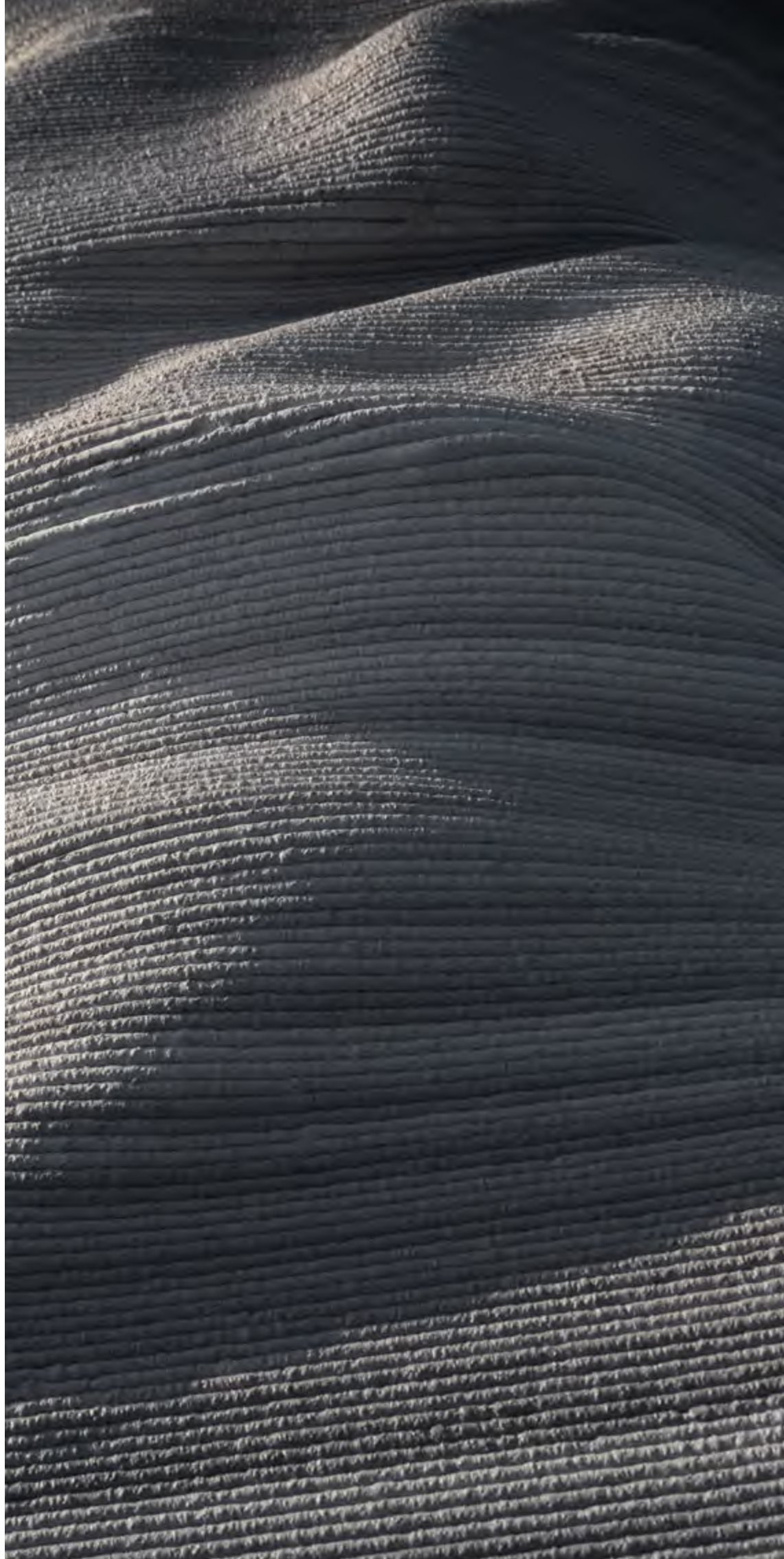
应用：中国五矿·万境松雅二期展示公区（长沙）



应用：中国五矿·万境松雅二期展示公区（长沙）









应用：杭州市余杭区黄湖镇黄湖大溪公园

06

回收废弃原生土壤无烧制灯具

RECYCLED RAW EARTH (NON-FIRING) PENDANT LAMPS

土是我们大部分食物生产的基础, 据估计, 高达 95% 的食物来自土壤。但长久以来, 我们一直视土壤为理所当然而不珍惜。随着城市化的高速发展, 导致土壤成为了日益增多的城市废物的填埋场; 工矿企业生产经营活动中排放的废气、废水、废渣造成其周边土壤污染; 汽车尾气排放导致交通干线两侧土壤铅、锌等重金属和多环芳烃污染; 农业生产活动中污水灌溉, 化肥、农药、农膜等农业投入品的不合理使用和畜禽养殖等, 导致耕地土壤污染; 生活垃圾、废旧家用电器、废旧电池、废旧灯管等随意丢弃, 以及日常生活污水排放, 造成的土壤污染, 在经济社会发展过程中长期累积而触目惊心。

Soil is the basis for most of our food production, and it is estimated that up to 95% of our food comes from soil. But for too long, we have taken the soil for granted and not appreciated it. With the rapid urbanization, the soil becomes a landfill for an increasing amount of municipal waste. The soil has been polluted by the waste water and residue emissions by the industrial and mining enterprises production. Vehicle emission is poisoning the soils on both sides of the traffic arteries, with the heavy metals such as lead, zinc and polycyclic aromatic hydrocarbons (PAHs). Agricultural activities such as irrigation by sewage water, irrational use of agricultural inputs such as fertilizers, pesticides and agricultural Plms and livestock farming lead to soil contamination of arable land. The alarming soil pollution caused by the indiscriminate disposal of domestic waste, used household appliances, used batteries and used lamps, as well as the discharge of sewage from daily life, has accumulated over a long period of time in the course of economic and social development.

土壤污染, 在经济社会发展过程中长期累积而触目惊心。面对人类从物质到精神的可持续发展, 如何重新赋予废弃土壤新的生命? 并由此产生文化、环境问题更多的关注与思考。

How can abandoned soils be given a new life with the context of sustainable development, from the material to the spiritual? From that, we hope to draw more attention and reflection on cultural and environmental issues.





回收废弃生土吊灯 • 旦 RECYCLE RAW EARTH PENDANT LAMP • DAWN

生土系列，是在工业化生产体系的时代背景中，以土壤资源可持续循环利用为目的，展开的设计与生产实践最终的成品系列。以“废弃的土壤”为生产原材料，通过聚焦于日常生活场景中的设计需求，制作出将资源循环利用与人类需求平衡一体的产品，以进一步推广和渗透“可持续发展”的人文设计理念，在场景应用中，触发人类对于自身所处资源形势的思考。

Raw Earth Projects is the Pnal product of a design and production practice aimed at the sustainable recycling of wasted soil in the context of an industrialized production system. Using wasted soil as the raw material for production, we focus on the design needs of daily life scenarios to create products that balance resource recycling with human needs, in order to further promote and penetrate the humanistic design concept of sustainable development, and to trigger human beings to think about their own resource situation in scenario applications.



收集人类废弃的土料，充分利用“土”本身的粘性，加入可自然降解的植物纤维增加韧性，通过现代技术工艺进行高强度模压，在保证强度的同时又能简单降解，用完可以回到土的形态，并无一点对自然的伤害。使用生土工艺，无烧制的生产过程减少能源排放，避免对自然的二次伤害，并让材质真实自然的外露，将“土”独特的力量带入我们的日常生活里。

Collect human waste soil material, make full use of the viscosity of the “soil” itself, add naturally degradable plant fibers to increase the toughness, high strength molding through modern technology, in order to ensure the strength at the same time can be simply degraded, can return to the form of the soil after use, and there is no harm to the nature. The use of raw earth technology, no firing production process to reduce energy emissions, to avoid secondary damage to nature, and to allow the material to be exposed in a real and natural way, bringing the unique power of “earth” into our daily lives.





把设计交给材料本身，自由生长，重新构造人与自然之间的和谐关系，是一种生态维度的审美观。设计的本质是连接各种事物的活动。如何从复杂的社会文化走向简单的人类天性，往往需要的是深度的反省、删减、回归。

Leaving the design to the material itself, free to grow and reconfigure the harmonious relationship between man and nature is an aesthetic with an ecological dimension. The essence of design is the activity of connecting things. How to move from the complexity of society and culture to the simplicity of human nature is often a matter of deep introspection, culling, and return.







回收废弃生土吊灯 • 旦

主体材料：回收废弃生土土壤 100%、金属矿物质、回收铝（灯盘）
产品尺寸：Φ350×H250 mm
产品重量：3 kg
使用场景：室内
可选颜色：土棕色 / 土橘色 / 浅沙色 / 深棕色
电线规格：黑色，约 3 米
光源色温：G125 LED、7W、3200K
额定电压：220 V

Recycle Raw Earth Pendant Lamp • Dawn

Materials: 100% Recycle raw earth、metallic minerals、
Recycled aluminum （Pendant canopy）
Dimensions: Φ350×H250 mm
Weight: 3 kg
Usage scenarios: indoor
Optional colors: Brown/Orange/Light Sand/Dark Brown
Cord: Black, 3m
Colour Temperature: G125 LED、7W、3200K
Voltage: 220 V



回收废弃生土吊灯・筋骨 RAW EARTH PENDANT LAMP ・SKELETON

简练硬朗的线条丰富了大众化形态下的个性化表达，表面粗糙肌理和自然锈化痕迹富有生命气息并和谐于形态气质之中。生土 - 筋骨系列是工业化生产方式，工业化辅助角色转化循环产物和有温度的材料三者的重新组合。生土 - 筋骨系列有三种不同尺寸造型以适用于不同的空间场景，自主研发调配的三种源于自然的土色系，给予空间以温暖与记忆，同时带来情感的延伸与生活的惊喜。

The concise and straightforward lines enrich the specific expression of the generic form, while the rough surface texture and natural rusting marks are life-like and harmoniously integrated into the form's temperament. The Raw Earth - Skeleton is a recombination of industrial production methods, industrial auxiliary roles which transform the products and materials with warmth. The Raw Earth collection is available in three different sizes to suit different spatial scenarios, while the three colours, which abstracted and developed from natural earth, make it possible to give warmth and memory to the space, bringing emotional extension and surprises.







回收废弃生土吊灯 • 筋骨

主体材料：回收废弃生土土壤 100%、金属矿物质、回收铝（灯盘）

产品尺寸：U: $\Phi 115 \times H184$ /M: $\Phi 222 \times H211$ /L: $\Phi 365 \times H175$ mm

产品重量：0.6/ 1/ 1.8 kg

使用场景：室内

可选颜色：土棕色 / 土橘色

电线规格：黑色，约 3 米

光源色温：E27 LED、3-7W、2700K

额定电压：220-240V

Recycle Raw Earth Pendant Lamp • Skeleton

Materials: 100% Recycle raw earth、metallic minerals、

Recycled aluminum (Pendant canopy)

Dimensions: U: $\Phi 115 \times H184$ /M: $\Phi 222 \times H211$ /L: $\Phi 365 \times H175$ mm

Weight: 0.6/ 1/ 1.8 kg

Usage scenarios: indoor

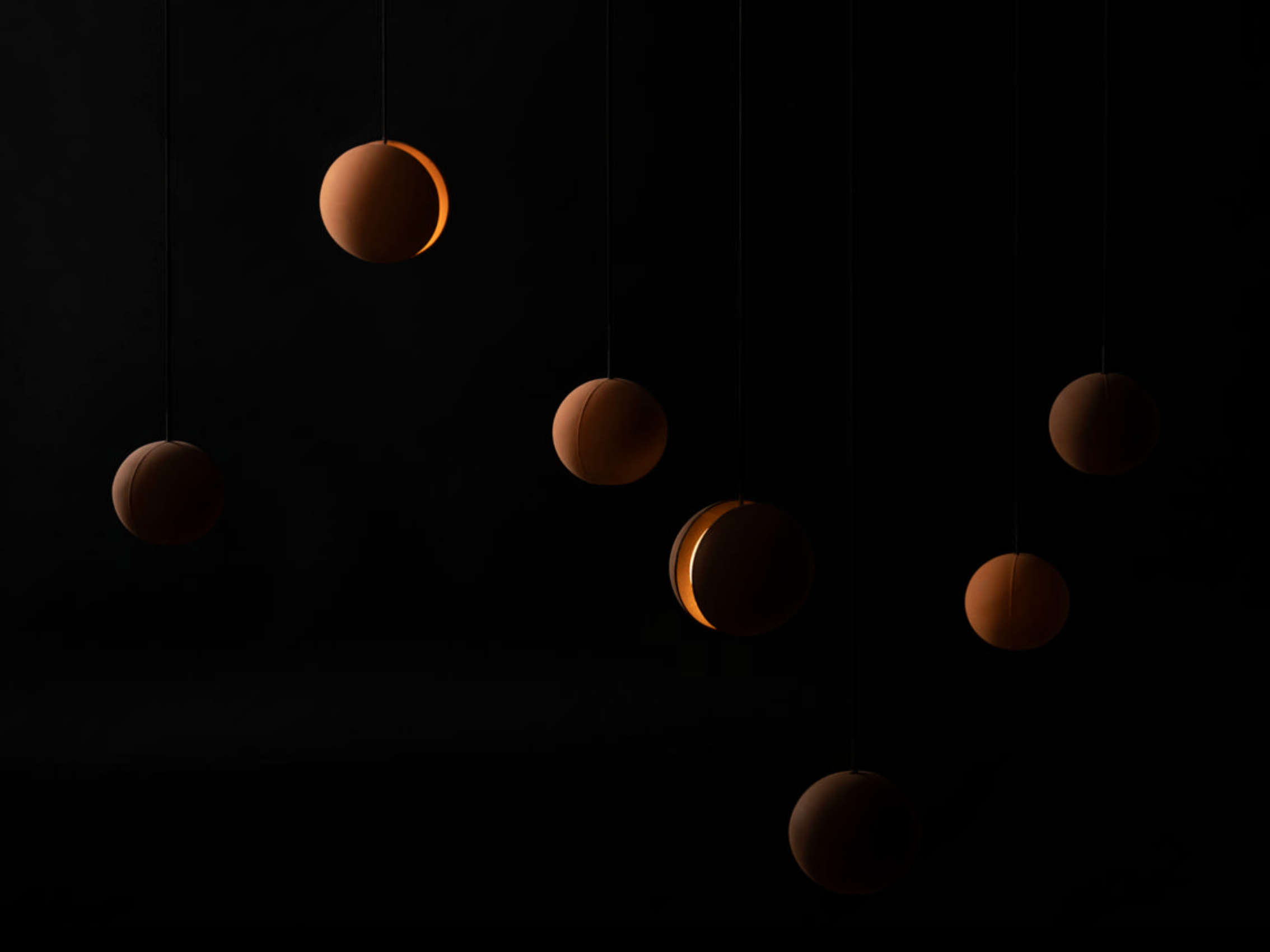
Optional colors: Earth Brown/Rusty Orange

Cord: Black, 3m

Colour Temperature: E27 LED、3-7W、2700K

Voltage: 220 -240V

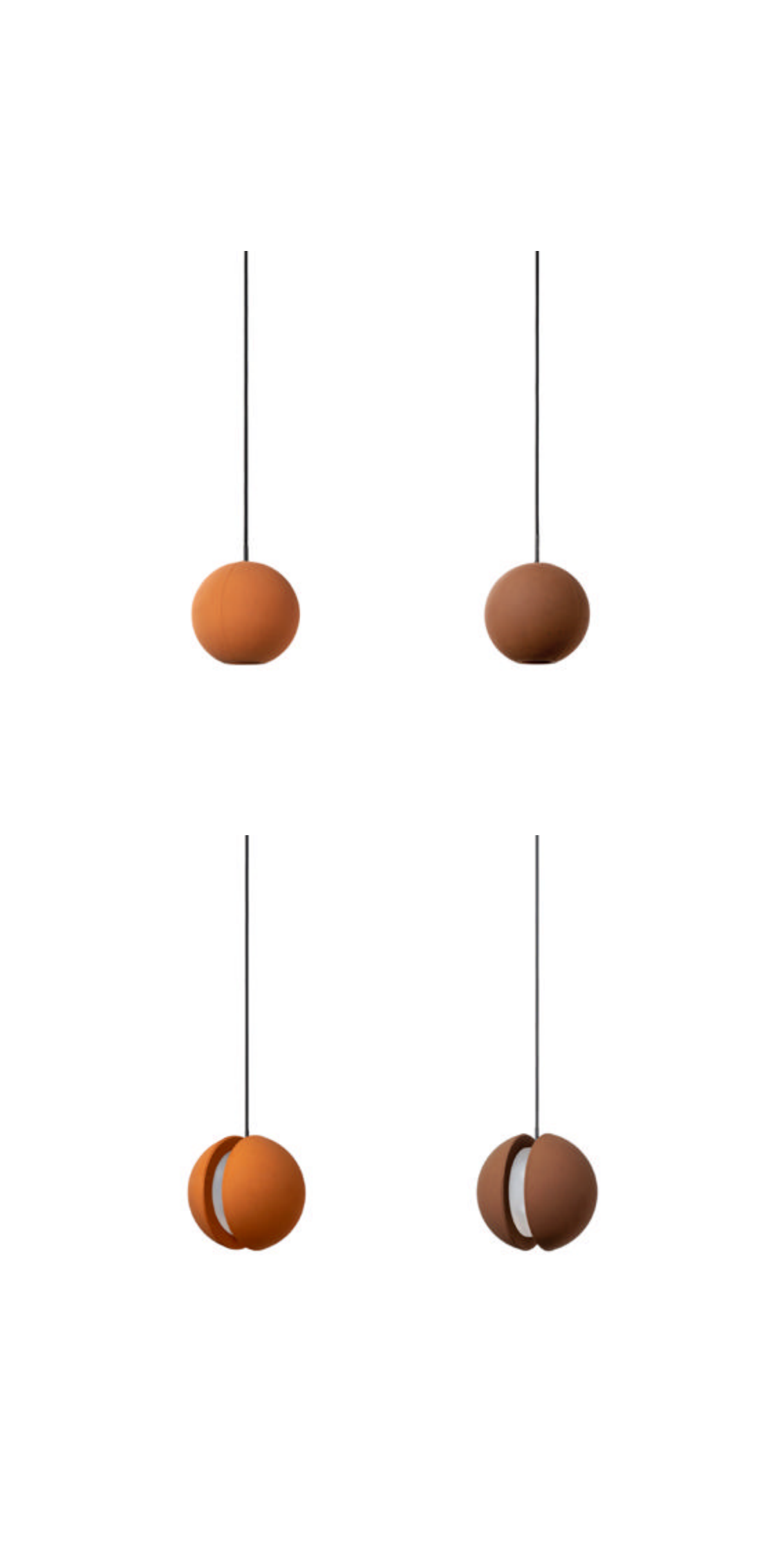
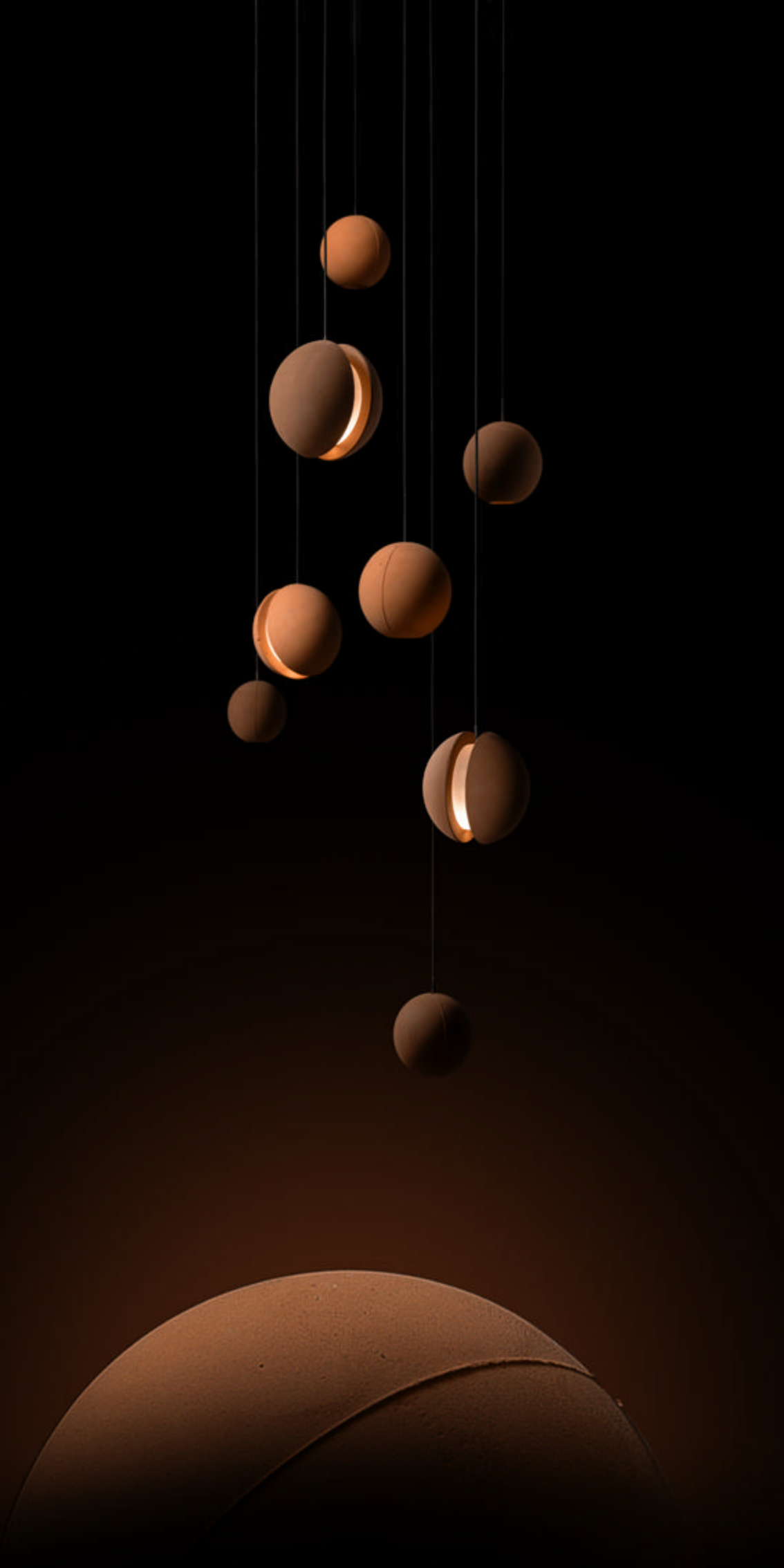


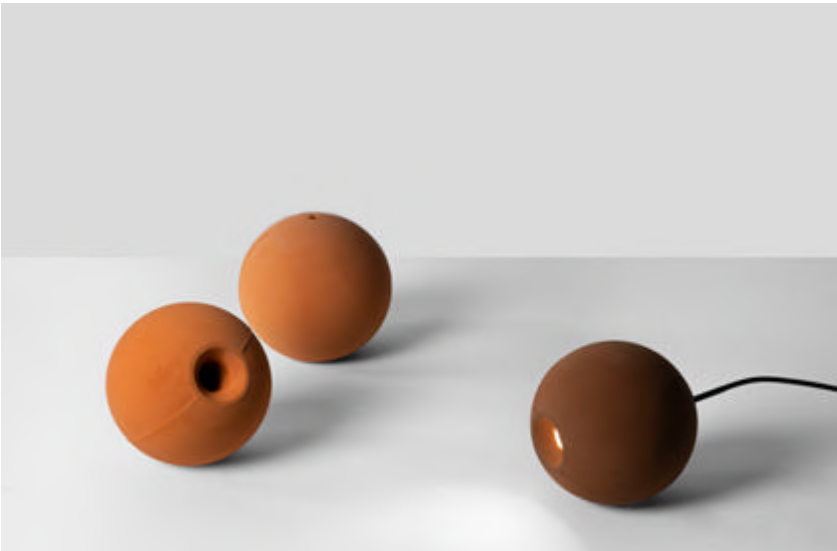


回收废弃生土吊灯 • E-MARS RAW EARTH PENDANT LAMP • E-MARS

整体浑圆的造型，柔和的走线轮廓，演绎出火星含蓄而神秘的气质。设计过程中，有意识地保留了工业化再造的自然痕迹，演绎出人文设计与工业制作糅合的独特设计感。通过金属矿物质的有机作用，形成独特的颗粒触感，进一步增添了材质的丰富性，延续生土系列对原生质感的匠心追求。将自然之物迁徙入水泥森林，贴近人的感官和认知，这是一条延展的道路。

The overall rounded shape and softly aligned silhouette portrays the subtle and mysterious temperament of Mars. The design process has consciously preserved the natural traces of industrial recreation, creating a unique sense of design that blends humanistic design with industrial production. The organic action of the metallic minerals creates a distinctive grainy sensibility, adding to the richness of the material and continuing the raw earth collection's pursuit of authenticity and simplicity.







回收废弃生土吊灯 • E-MARS

主体材料：回收废弃生土土壤 100%、金属矿物质、回收铝（灯盘）
产品尺寸：S: $\Phi 102 \times H98$ / M: $\Phi 130 \times h127$ mm
产品重量：1.1/ 1.6 kg
使用场景：室内
可选颜色：土棕色 / 土橘色
电线规格：黑色, 约 3 米
光源色温：G4 LED、3W、2700K
额定电压：220 V

Recycle Raw Earth Pendant Lamp • E-MARS

Materials: 100% Recycle raw earth、metallic minerals、
Recycled aluminum (Pendant canopy)
Dimensions: S: $\Phi 102 \times H98$ / M: $\Phi 130 \times h127$ mm
Weight: 1.1/ 1.6 kg
Usage scenarios: indoor
Optional colors: Earth Brown/Rusty Orange
Cord: Black, 3m
Colour Temperature: G4 LED、3W、2700K
Voltage: 220 V





回收废弃生土吊灯 • 空 RAW EARTH PENDANT LAMP • ECHO

纯粹、干净的设计语言，能弱化造型在空间中形成的冲突感。圆融、柔和的线条表达，则于无声中，拉近了感官上的审美距离。多孔呼吸的自密实结构，让材质拥有了天然的温度。温和透气的缝隙，使得此刻，声音这种的特殊介质，得以自由穿梭，回响。金属锈化所衍生的肌理形态，丰富了质感对于“时间”这一流逝过程的艺术诠释。以微妙的痕迹，释出时间的秘密。明与暗，均拥有表现力的温润土壤颜色，造型中孕育出像手掌一样，自然延伸的圆满轮廓。

A pure, concise design language that weakens the sense of conflict created by its shape in the space. The rounded, soft lines bring the senses closer together in a silent, aesthetic way. The porous, breathing, self-compacting structure gives the material its natural warmth. The gentle, airy gaps allow for sound to travel freely and reverberate. The texture of the rusted metal enriches the artistic interpretation of texture in relation to the passing process of "time". Light and dark, both possessing expressive warm earthy colours, the shape nurtures a rounded contour that extends naturally like the palm of a hand.







回收废弃生土吊灯・空

主体材料：回收废弃生土土壤 100%、金属矿物质、回收铝（灯盘）
产品尺寸：S: $\Phi 102 \times H98$ / M: $\Phi 130 \times h127$ mm
产品重量：1.1/ 1.6 kg
使用场景：室内
可选颜色：土棕色 / 土橘色
电线规格：黑色, 约 3 米
光源色温：G4 LED、3W、2700K
额定电压：220 V

Recycle Raw Earth Pendant Lamp • ECHO

Materials: 100% Recycle raw earth、metallic minerals、
Recycled aluminum (Pendant canopy)
Dimensions: S: $\Phi 102 \times H98$ / M: $\Phi 130 \times h127$ mm
Weight: 1.1/ 1.6 kg
Usage scenarios: indoor
Optional colors: Earth Brown/Rusty Orange
Cord: Black, 3m
Colour Temperature: G4 LED、3W、2700K



项目名称: 川隈杂谈餐饮空间 (广州)
空间设计: 自由思考
空间摄影: 本土创造



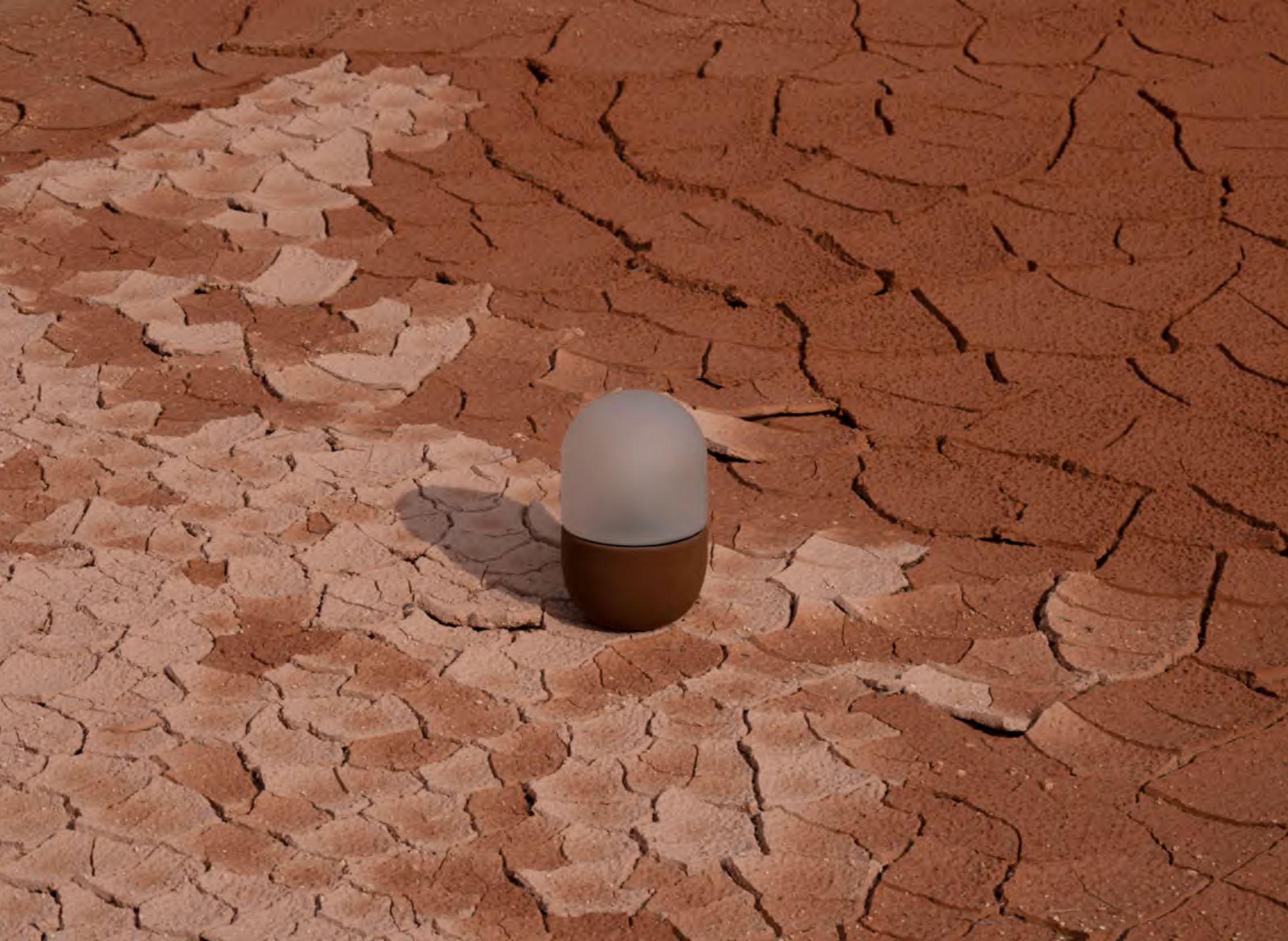
回收废弃生土吊灯 • 拂 RECYCLE RAW EARTH PENDANT LAMP • FU

生土系列，以“废弃的土壤”为生产原材料，通过聚焦于日常生活场景中的设计需求，制作出将资源循环利用与人类需求平衡一体的产品，以进一步推广和渗透“可持续发展”的人文设计理念，在场景应用中，触发人类对于自身所处资源形势的思考。

Raw soil series, taking "abandoned soil" as raw material, focuses on the design requirements in daily life scenes, and produces products that balance the recycling of resources with human needs, so as to further popularize and penetrate the humanistic design concept of "sustainable development" and trigger human thinking about their own resource situation in the application of scenes.







回收废弃生土台灯 • 卵 RECYCLE RAW EARTH TABLE LAMP • CELL

设计造型如蛋形的细胞状，灯体与灯罩对半一分为二。灯体延续生土系列的大地色系，土棕、土橘与浅沙色，同时新调配了中性冷静的色系，浅灰色与深灰色。整体造型外形圆融糅合与光效搭配，氛围亲近而温暖。小巧温润，适应各场域空间灵活使用。“卵”台灯设计语言简练直接，把话语权交赋于材质本身。

The design is shaped like an egg-shaped cell, with the body of the lamp divided in half with the shade. The lamp body continues the earthy colours of the Raw Earth Project, earthy brown, earthy orange and light sand, with a new neutral and calm colour palette of light and dark greys. The shape is a blend of rounded shapes and light effects, giving an intimate and warm atmosphere. The design language of the lamp 'cell' is concise and straightforward, leaving the words to the materials themselves.





浅沙色、土棕和土橘三种大地色系与金属矿物质的原生颜色，混合出一种野生的自然气息。再有金属颗粒浮现于深灰与浅灰两种理性灰调中，满布沉静。暖色光源与小巧浑圆的设置，使得颜色与氛围组合搭配，都更加亲近家居日常。

The three earthy colours of light sand, earthy brown and earthy orange are mixed with metallic minerals in their native colours to create a wild, natural scent. The metallic particles are found in two sensible shades of grey, dark grey and light grey, creating the shape of calmness. The warm light source and the small, rounded setting make for a colour and ambience combination that is closer to everyday life.





回收废弃生土台灯・卵

主体材料：回收废弃生土土壤 100%、金属矿物质、玻璃

产品尺寸：Φ140×H248 mm

产品重量：2 kg

使用场景：室内

可选颜色：浅沙色 / 土橘色 / 土棕色 / 浅灰色 / 深灰色

电线规格：黑色，约 1.7 米

光源色温：E27 LED、3W、2700K

额定电压：220-240 V

Recycle Raw Earth Table Lamp • CELL

Materials: 100% Recycle raw earth、glass

Dimensions: Φ140×H248 mm

Weight: 2 kg

Usage scenarios: indoor

Optional colors: light sand/earthy brown/earthy orange/
light grey/dark grey

Cord: Black, 1.7m

Colour Temperature: E27 LED、3W、2700K



07

回收粉煤灰等固体废弃物系列 SOLID WASTE SERIES SUCH AS RECYCLED FLY ASH

本土创造自研的可持续混凝土 BTPC 是一种环保、节能、低碳的创新性材料，充分利用混凝土“混”与“凝”两个特征，在仅约 20% 的水泥新材料作为胶凝材料，燃煤废渣微粉占比约 35%，废弃日用陶瓷废渣占比约 45%，在减少资源能源消耗和消纳处理其他行业废弃物的同时，产品将最终表达出自然性，独特性，并提供更多可持续设计的应用基础，实现产品的创新。

BENTU created and self-developed sustainable concrete BTPC is an innovative material with environmental protection, energy saving and low carbon. It makes full use of the "mixing" and "setting" characteristics of concrete. Only about 20% of new cement materials are used as cementing materials, coal-bred slag powder accounts for about 35%, and waste daily-use ceramic slag accounts for about 45%. While reducing the consumption of resources and energy and treating wastes from other industries, the product will finally express naturalness and uniqueness.

“以混凝土作为媒介，以设计为手段、与工业生产辅助，将废弃材料混合、重塑其形态。”以日常功能性为先导，极简几何美学为原则，结合创新高性能混凝土技术与节能减排工业量产，最终开发成审美功能高度统一、独具一格的家居产品。基于当代设计需求，本土创造不断探索创新几何表现形式的艺术审美、挖掘表现混凝土工艺的独特质感与实用性能。

"With concrete as the medium, design as the means and industrial production as the auxiliary, waste materials are mixed and reshaped." With daily functionality as the guide, minimalist geometric aesthetics as the principle, combined with innovative high-performance concrete technology and industrial mass production of energy saving and emission reduction, a unique home product with highly unified aesthetic function was finally developed. Based on the needs of contemporary design, local creators constantly explore the artistic aesthetics of innovative geometric expressions and explore the unique texture and practical performance of concrete technology.



BTPC

=

UHPC+ 固体废弃物约 80%+ 无机改性料

高强度
高耐久性
耐腐蚀性

工业固体废物方向：

回收中国潮州废弃日用陶瓷
回收中国佛山废弃建筑陶瓷
回收中国云浮石材边角废料
回收工业矿渣 / 煤渣 / 陶粒 / 磷石膏 / 粉煤灰废料

城市生活固体废物方向：

回收废弃工程塑料 / 城市生活塑料
回收废弃彩贝壳 / 白贝壳 / 牡蛎壳
回收废弃玻璃瓶 / 啤酒瓶

建筑固体废物方向：

回收建筑红砖 / 拆迁废渣

BTPC

=

UHPC + ABOUT 80% OF SOLID WASTE + INORGANIC MODIFIER

High strength
High durability
Corrosion resistance
Low porosity

Industrial Solid Waste Category:

Recycling of waste domestic ceramics from Chaozhou, China
Recycling of waste construction ceramics from Foshan, China
Recycling of waste stone trimmings from Yunfu, China
Recycling of industrial slag, coal cinder, expanded clay aggregate, phosphogypsum, and fly ash waste

Urban Domestic Solid Waste Category:

Recycling of waste engineering plastics and urban domestic plastics
Recycling of waste colorful shells, white shells, and oyster shells
Recycling of waste glass bottles

Construction Solid Waste Category:

Recycling of waste red bricks and demolition slag



混凝土吊灯・漩 / 川 / 入 PENDANT LAMP ・ XUAN / CHUAN / RU

一体化铸造能够呈现吊灯细腻美感。通过不断研究工艺与尝试，灯体最薄处仅 4mm，高强度的同时实现更轻量化的混凝土吊灯。清水混凝土的孔洞质感及自然肌理，融合对重构形态的感受和思考。坚持对自然而纯粹的追求，模具材料越平滑，接缝精度越高，混凝土的效果就越细腻、素净。清水混凝土的色调肌理纯粹而又丰富、简单而又多样，一半人工，一半天成。

Integrated casting can present the delicate beauty of chandeliers. Through continuous research and trial, the thinnest part of the lamp body is only 4mm, which realizes a lightweight concrete chandelier with high strength. The hole texture and natural texture of fair-faced concrete, combined with the feelings and thoughts on the reconstruction form. Adhere to the pursuit of nature and purity, the smoother the mold material, the higher the joint accuracy, and the purer and purer the concrete effect. The tone texture of fair-faced concrete is pure and rich, simple and diverse, half artificial and half natural.



漩

XUAN



吊灯 · 漩

材料构成：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：Ø197*h236.5 mm
产品重量：0.9 kg
电线规格：黑色, 3 米
光源类型：E14 LED
光源色温：2800-3000 K
额定功率：3 W
额定电压：220 V
配件颜色：黑色

Pendant Lamp • XUAN

Material: BTPC, Ceramic Sand, Byash
Size: Ø197*h236.5 mm
Weight: 0.9 kg
Cord: Black, 3 m
Light Source: E14 LED
Colour Temperature: 2800-3000 K
Wattage: 3 W
Voltage: 220 V
Accessory Colour: Black

川

CHUAN



吊灯 · 川

材料构成：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：Ø220*h358 mm
产品重量：1.4 kg
电线规格：黑色, 3 米
光源类型：E14 LED
光源色温：2800-3000 K
额定功率：3 W
额定电压：220 V
配件颜色：黑色

Pendant Lamp • CHUAN

Material: BTPC, Ceramic Sand, Byash
Size: Ø220*h358 mm
Weight: 1.4 kg
Cord: Black, 3 m
Light Source: E14 LED
Colour Temperature: 2800-3000 K
Wattage: 3 W
Voltage: 220 V
Accessory Colour: Black





入

RU



吊灯 · 入

材料构成：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：L220*W75*h302 mm
产品重量：1.2 kg
电线规格：黑色, 3 米
光源类型：E14 LED
光源色温：2800-3000 K
额定功率：3 W
额定电压：220 V
配件颜色：黑色

Pendant Lamp · RU

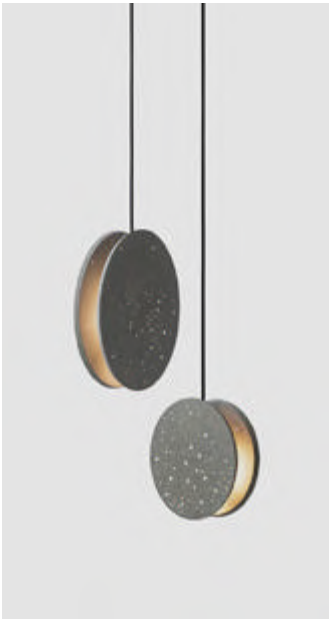
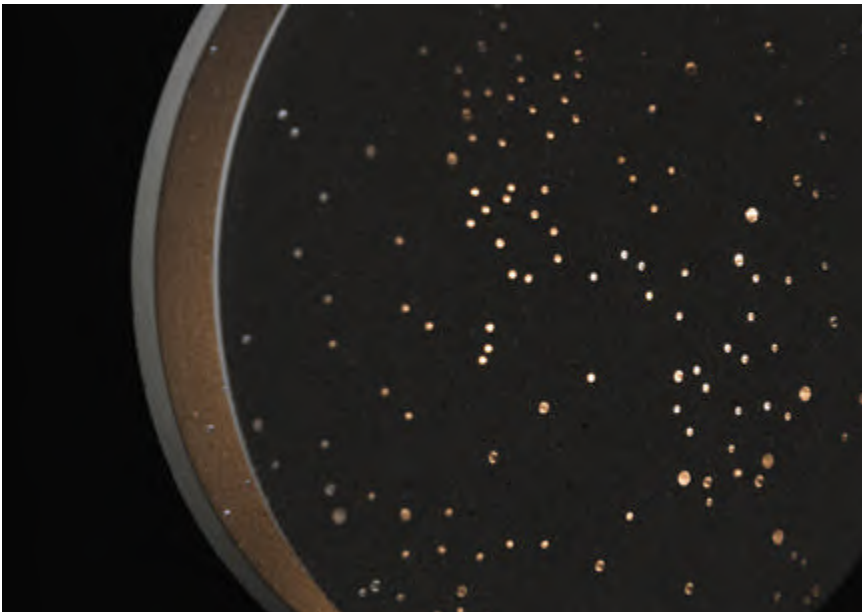
Material: BTPC, Ceramic Sand, Byash
Size: L220*W75*h302 mm
Weight: 1.2 kg
Cord: Black, 3 m
Light Source: E14 LED
Colour Temperature: 2800-3000 K
Wattage: 3 W
Voltage: 220 V
Accessory Colour: Black



透光混凝土吊灯·晖 CONCRETE PENDANT LAMP · HUI

透光混凝土这一建筑材料,实现从建筑到产品的转换,这种应用场合的转变,将一种材质工艺的表情拉近并放大,透光混凝土被重新定义,以它为一种对照物,与其他材料对照,与产品使用环境对照和与自身质感对照,以此表达产品气质和设计意图。这种理念消除人们对混凝土的固有约束,让混凝土应用的手法更加多样化。

Light-transmitting concrete, a building material, realizes the transformation from building to product. The transformation of this application occasion brings the expression of a material technology closer and enlarged, and light-transmitting concrete is redefined as a contrast, compared with other materials, compared with the product use environment and compared with its own texture, so as to express the product temperament and design intention. This concept eliminates people's inherent constraints on concrete and makes the application methods of concrete more diversified.

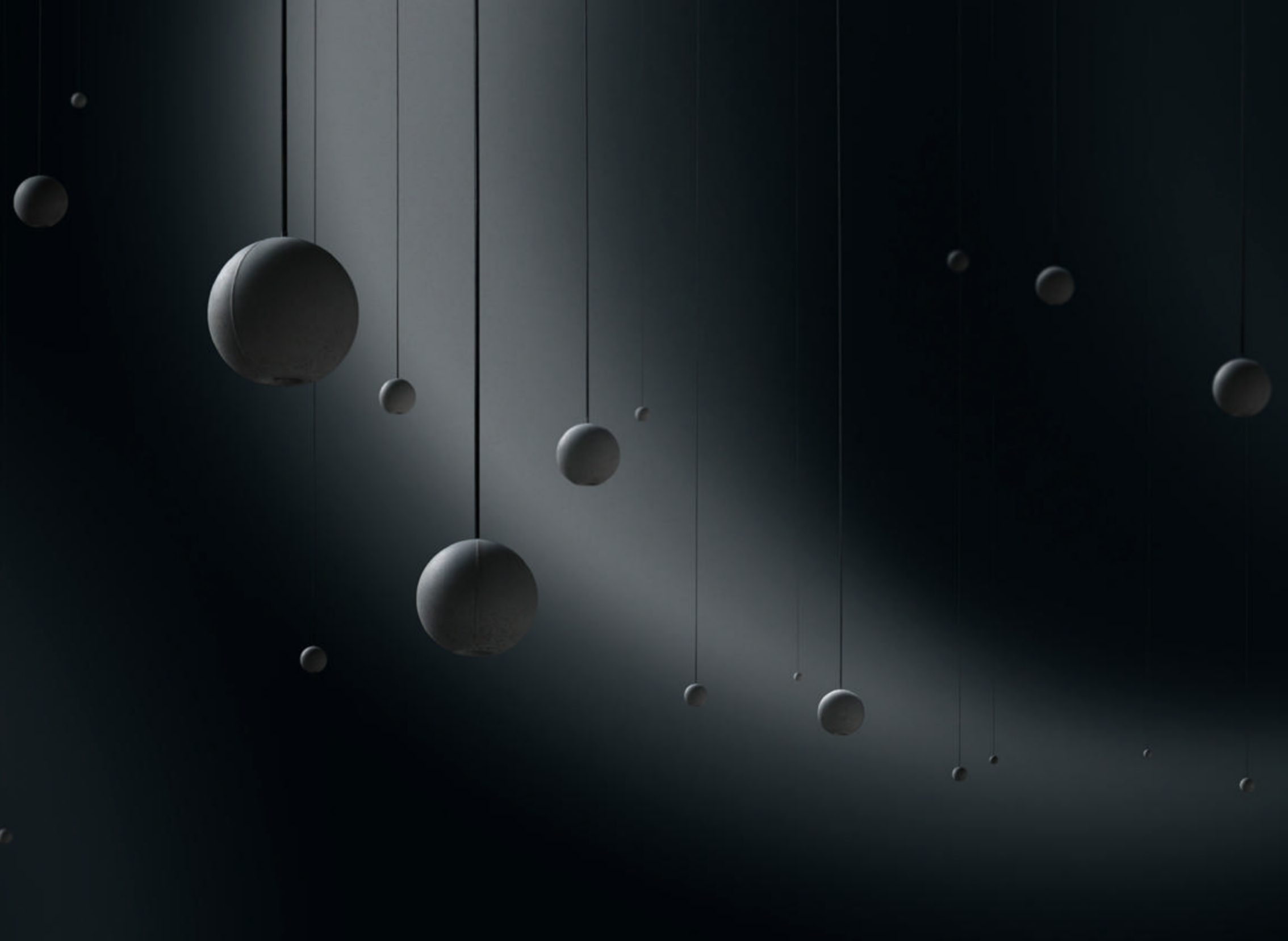


吊灯·晖

材料构成：BTPC, 陶瓷沙, 粉煤灰, 光纤
产品尺寸：S:Ø155xh47 / M:Ø255xh47 mm
产品重量：0.9 / 2.0 kg
电线规格：黑色, 3 米
光源类型：G4 LED
光源色温：2700 K
额定功率：1.2 W
额定电压：220 V
配件颜色：黑色

Pendant Lamp • HUI

Material: BTPC, Ceramic Sand, Byash, Fiber
Size: S:Ø155xh47 / M:Ø255xh47 mm
Weight: 0.9 / 2.0 kg
Cord: Black, 3 m
Light Source: G4 LED
Colour Temperature: 2700 K
Wattage: 1.2 W
Voltage: 220 V
Accessory Colour: Black



混凝土吊灯・月 CONCRETE PENDANT LAMP ・ MOON

月，夜空里的一束孤独光亮，不炽热不张扬，静默而安详。没有炫目和缤纷，淡淡的微光轻浥心尘，要在这一刻寻找最真实的自己。深浅不一的孔洞形成的粗犷肌理，犹如月球冷峻的表面，隐匿着原生的美。未知是一种欲望，像引力般牵引着我们，如果任何事物已被知晓，求知的脚步将停下。

In the month, a beam of lonely light in the night sky is not hot and unassuming, silent and serene. There is no dazzling and colorful, and the faint light is light, so you should find your truest self at this moment. The rough texture formed by holes with different depths is like the cold surface of the moon, hiding the original beauty. Unknown is a kind of desire, which pulls us like gravity. If anything is known, the pace of seeking knowledge will stop.



吊灯·月

材料构成：BTPC, 陶瓷沙, 粉煤灰, 亚克力
产品尺寸：S: Ø102*h98 /M: Ø130*h127 mm
产品重量：1.1 / 2 kg
电线规格：黑色, 3 米
光源类型：G4 LED
光源色温：2700 K
额定功率：3 W
额定电压：220 V
配件颜色：黑色

Pendant Lamp • YUE

Material: BTPC, Ceramic Sand, Byash, Acrylic
Size: S: Ø102*h98 /M: Ø130*h127 mm
Weight: 1.1 / 2 kg
Cord: Black, 3 m
Light Source: G4 LED
Colour Temperature: 2700 K
Wattage: 3 W
Voltage: 220 V
Accessory Colour: Black



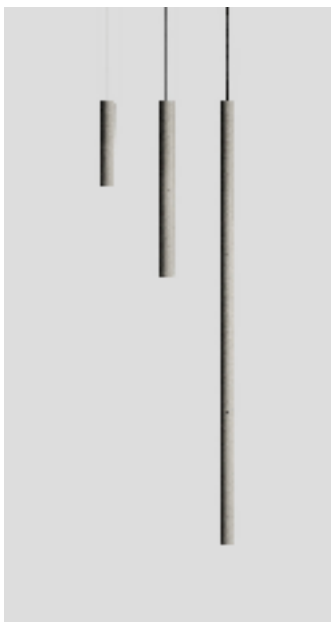
混凝土吊灯・棒 CONCRETE PENDANT LAMP ・ BANG

“棒”超越了混凝土的常规塑造，通过一体成型工艺得到极细极长的外观形态，褪去原本粗犷的气息，生成工业时代下极致理性的美学表达。精简金属配件后，纤长造型和细腻质感更显纯粹，笔直而灰哑的线条感仿佛凝结了流光穿行的轨迹，极致简约。作为灵活的造景元素，高低簇拥或线性排列于长桌、前台、螺旋梯等区域，低调美观地填充空间各个细节之处。

"Rod" goes beyond the conventional molding of concrete, and obtains an extremely fine and extremely long appearance through the integrated molding process, which fades the original rough atmosphere and generates the extremely rational aesthetic expression in the industrial age. After streamlining the metal fittings, the slender shape and delicate texture are more pure, and the straight and dull lines seem to condense the track of streamer passing through, which is extremely simple. As a flexible landscaping element, it is clustered or linearly arranged in long tables, foregrounds, spiral ladders and other areas, filling all the details of the space in a low-key and beautiful way.

棒

BANG



吊灯 · 棒

材料构成： BTPC, 陶瓷沙, 粉煤灰
产品尺寸： S: Ø34×H200 mm /
M: Ø34×H400 mm / L: Ø34×H1000 mm
产品重量： 0.4 / 0.9 / 1.7 kg
电线规格： 黑色, 3 米 / 3 米 / 2 米
光源类型： G4 LED
色温范围： 3000 K
额定功率： 3 W
额定电压： 220-240 V

Pendant Lamp • BANG

Material: BTPC, Ceramic Sand, Byash
Size: S: Ø34×H200 mm /
M: Ø34×H400 mm / L: Ø34×H1000 mm
Weight: 0.4 / 0.9 / 1.7 kg
Cord: Black, 3m / 3m / 2m
Light Source: G4 LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220-240 V

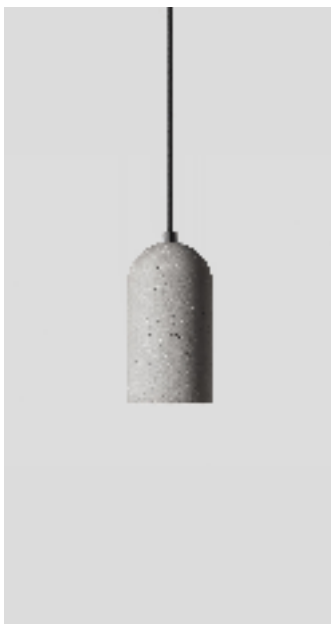




混凝土吊灯 · U CONCRETE PENDANT LAMP · U

水泥是种灰色。灰色最简单，简单到全世界都被它包裹却毫不在意；灰色最复杂，复杂到调色板上所有颜色混合后才能得到这种混沌之美。不管简单还是复杂，都是一种能量，在孕育着崭新的颜色。对于产品来说，这新的颜色是心理，是想象，也是一份安抚，一丝禅意。水泥的灰色没有边界。

Cement is a kind of gray. Gray is the simplest, so simple that the whole world is wrapped in it but doesn't care; Gray is the most complex, so complex that all the colors on the palette can be mixed to get this chaotic beauty. Whether simple or complex, it is a kind of energy, which is pregnant with brand-new colors. For the product, this new color is psychology, imagination, comfort and Zen. The gray color of cement has no boundaries.



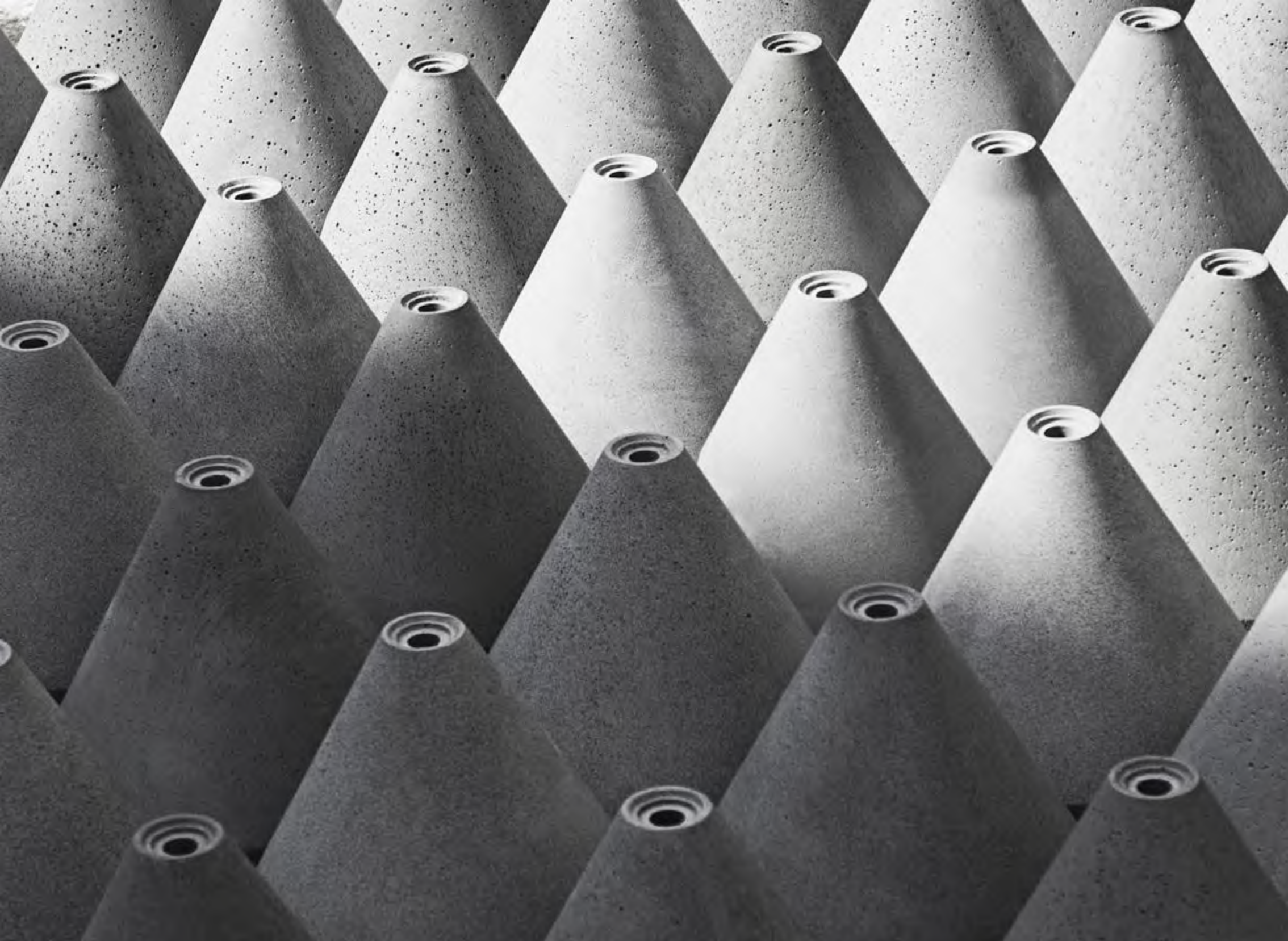
吊灯 · U

材料构成：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：Ø96×H180 mm
产品重量：1.4 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V
主体颜色：水泥原色

Pendant Lamp · U

Material: BTPC, Ceramic Sand, Byash
Size: Ø96×H180 mm
Weight: 1.4 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V
Colour: Cement Grey





混凝土吊灯·众 CONCRETE PENDANT LAMP · ZHONG

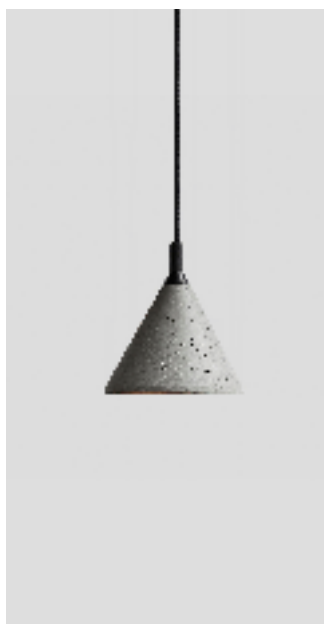
实现吊灯“人”的批量生产，人人成众。以量化的“人”，和美的质量、美的价格，惠及大众，即为众。在质感上，我们坚持材质的纯天然，不加树脂，努力还原清水混凝土的细腻平滑，同时保留天然的孔洞肌理；在视觉上，让产品保有混凝土独特的力量感、素洁感，达到极致纯粹的设计美感。以寄寓美好期望的“众”为开端，让原创设计回归日常，以美回馈大众！

Realize the mass production of chandelier "people", and everyone becomes a crowd. To benefit the public with quantitative "people", beautiful quality and beautiful price is the public. In terms of texture, we insist on pure natural materials, without adding resin, and strive to restore the smoothness of fair-faced concrete, while retaining the natural hole texture; Visually, the product can keep the unique sense of strength and cleanliness of concrete, and achieve the ultimate pure design aesthetic feeling. Starting with the "crowd" with good expectations, let the original design return to daily life and give back to the public with beauty!



众

ZHONG



吊灯 · 众

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø180×H200 mm
产品重量：1.1 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V

Pendant Lamp • ZHONG

Material: BTPC, Ceramic Sand, Byash, Aluminium
Size: Ø180×H200 mm
Weight: 1.1 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V



混凝土吊灯・且 CONCRETE PENDANT LAMP ・ QIE

一件产品因为用心而产生精神，因为自然的材质创造出心情的平和，因为朴拙的美与人本性相通，才是一个面向未来的产品美学方向，制造的方式只是表象。生硬的水泥和温暖的楠竹，包裹住一团一团光，水泥的冰冷不见了。长长短短的竹段，像一群活泼的小孩探着头好奇的四处张望。又像远处一群高高低低的山峰。

A product produces spirit because of its heart, because natural materials create peace of mind, and because simple beauty is connected with human nature, it is a future-oriented product aesthetic direction, and the way of manufacturing is only appearance. Hard cement and warm bamboo are wrapped in a mass of light, and the coldness of cement is gone. Long and short bamboo sections, like a group of lively children poking their heads around curiously. Like a group of high and low peaks in the distance.



且

QIE



吊灯 · 且

材料构成：BTPC, 陶瓷沙, 粉煤灰, 竹子
产品尺寸：S: Ø96×H162 / M: Ø96×H178 /
L: Ø96×H219 mm
产品重量：0.9 / 1 / 1 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：220-240 V

Pendant Lamp • QIE

Material: BTPC, Ceramic Sand, Byash, Bamboo
Size: S: Ø96×H162 / M: Ø96×H178 /
L: Ø96×H219 mm
Weight: 0.9 / 1 / 1 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220-240 V



混凝土吊灯 · 上 CONCRETE PENDANT LAMP · SHANG

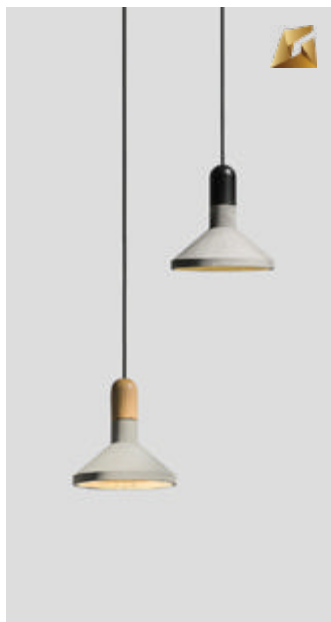
任何材质本身都具备了灵魂，不需你来注入，很多事情最重要的部分别人或者自然都已经帮你做好，要解决的仅仅是技术问题。冰冷是种气质，粗糙是种温暖。器物会无声的影响着你，潜移默化的促进你自由，这是一种毫无相互伤害的对话与生成的关系，虽然这种能量你看不见。人类总是想模仿自然来寻求安慰，而恰恰我们是自然的本身。不刻意不驻足，你我本该如此。

Any material itself has a soul, and you don't need to inject it. The most important part of many things has been done by others or nature, and the only thing to be solved is technical problems. Cold is a temperament, rough is a warmth. Artifacts will silently affect you and subtly promote your freedom. This is a relationship of dialogue and generation without mutual harm, although you can't see this energy. Humans always want to imitate nature for comfort, but we are nature itself. Don't stop deliberately, you and I should.



上

SHANG



吊灯 · 上

材料构成：BTPC, 陶瓷沙, 粉煤灰, 竹子 / 铝
产品尺寸：Ø220×H240 mm
产品重量：1.5/1.6 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V

Pendant Lamp • SHANG

Material: BTPC, Ceramic Sand, Byash, Bamboo/
Aluminum
Size: Ø220×H240 mm
Weight: 1.5/1.6 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V





混凝土吊灯 · 叠 CONCRETE PENDANT LAMP · DIE

圆柱之间接近垂直的直线，横竖线交织的角度，是经过多次的试验后恰当的尺度，纤薄的底面是对各种材料之间的不断探索的表现。灯泡隐藏在灯罩内，视觉上保留纯粹的干净，当灯亮起，圆柱内与光产生交织形成光圈，光与混凝土此刻产生交融。四个圆形产生的空间构成三角形，圆之间错落占据不同面积比例，层叠的形态带来丰富的视觉层次。

The straight line between cylinders is close to vertical, and the angle of interweaving horizontal and vertical lines is the appropriate scale after many experiments. The thin bottom surface is the performance of continuous exploration between various materials. The bulb is hidden in the lampshade, which visually remains pure and clean. When the lamp lights up, the inside of the cylinder is intertwined with light to form an aperture, and the light and concrete are blended at this moment. The space created by four circles constitutes a triangle, and the scattered circles occupy different area proportions, which brings rich visual levels.

叠

DIE



吊灯 · 叠

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø250×H178 mm
产品重量：1.9 kg
电线规格：黑色, 3 米
光源类型：E27 COB LED
光源色温：3000 K
额定功率：3 W
额定电压：100-240 V
配件颜色：黑色

Pendant Lamp • DIE

Material: BTPC, Ceramic Sand, Byash, Aluminium
Size: Ø250×h178 mm
Weight: 1.9 kg
Cord: Black, 3 m
Light Source: E27 COB LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 100-240 V
Accessory Colour: Black





混凝土吊灯·人 CONCRETE PENDANT LAMP · REN

迷失于秩序和经验交织的樊篱，我们左冲右突，我们无声呐喊，我们囿于逻辑的高墙，找不到突破的出口。
经验主义帮助我们，却又桎梏我们。何为“本应”？何为“不能”？只是单纯想知道，如果把经验主义和理性暂时置诸脑后，愉悦会不会来得更冲动直觉些？

Lost in the barrier of order and experience, we rush about, we shout silently, we are confined to the high wall of logic and can't find the exit of breakthrough.
Empiricism helps us, but it also fetters us. What is "should be"? What is "can't"? I just want to know, if we put empiricism and rationality behind us for a while, will pleasure come more impulsively and intuitively?

人

REN



吊灯·人

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铜
产品尺寸：Ø200×H317/Ø300×H260
/Ø400×H210 mm
产品重量：2.3/2.8/3.7 kg
电线规格：黑色, 3 米
光源类型：E27 LED
光源色温：3200 K
额定功率：7 W
额定电压：220 V

Pendant Lamp • REN

Material: BTPC, Ceramic Sand, Byash, Brass
Size: Ø200×H317/Ø300×H260
/Ø400×H210 mm
Weight: 2.3/2.8/3.7 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 3200 K
Wattage: 7 W
Voltage: 220 V

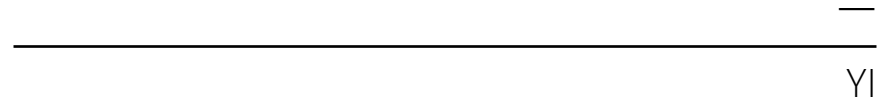
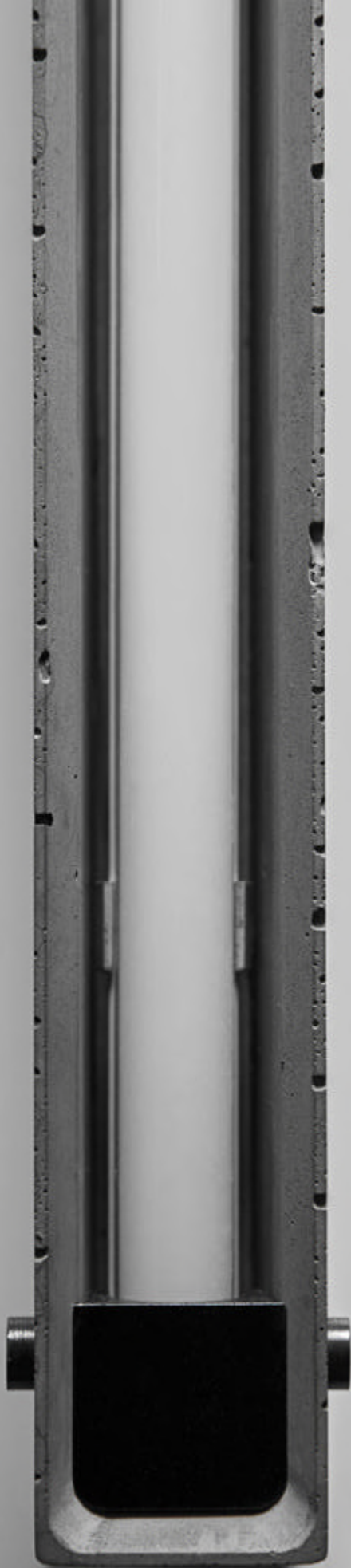




混凝土吊灯 · — CONCRETE PENDANT LAMP · YI

煤是工业革命以来最重要的能源之一，煤给人类带来巨大的财富的同时也对人类的生活环境破坏很大，煤渣作为煤燃烧后产生的废料，煤渣弃置堆积，不仅占用土地而且还会释放出含硫气体污染大气。这款办公灯采用无烟煤煤渣与水泥相结合，无烟煤渣强度高、密度小，不仅可以提高水泥的强度，而且还可以减轻产品的重量。

Coal is one of the most important energy sources since the industrial revolution. Coal has brought great wealth to human beings, but at the same time it has also done great damage to human living environment. As the waste produced after coal combustion, coal cinder is abandoned and piled up, which not only occupies land but also releases sulfur-containing gas to pollute the atmosphere. This office lamp combines anthracite cinder with cement. The anthracite cinder has high strength and low density, which can not only improve the strength of cement, but also reduce the weight of products.



吊灯 · 一

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：1245×48×H80 mm
产品重量：5 kg
电线规格：黑色, 3 米
钢绳规格：3 米
光源类型：T5 LED
光源色温：3000 K (暖白) / 6500 K (冷白)
额定功率：16 W
额定电压：100-240 V

Pendant Lamp • YI

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 1245×48×H80 mm
Weight: 5 kg
Cord: Black, 3 m
Steel Wire: 3 m
Light Source: T5 LED
Colour Temperature: 3000 K / 6500 K
Wattage: 16 W
Voltage: 100-240 V



混凝土壁灯 · 旧 CONCRETE WALL LAMP · JIU

光让影有了体积，影让光有了重量，光影让空间拥有了生命。故意将模具线外露于正中，像高耸的建筑门缝，沉重且富有力量。光从混凝土中迸发，为空间注入温度。上下 E27 灯座，方便更换各种规格灯源。利用混凝土一体浇筑工艺实现结构性配件金属替换，降低成本的同时又能维持精准度。

Light gives shadow volume, shadow gives light weight, and light and shadow give life to space. Deliberately exposing the mold line in the middle, like a towering building crack, heavy and powerful. Light generate from the concrete injects temperature into the space. Up and down E27 lamp holder, convenient to replace various lamp sources. The metal replacement of structural fittings can be realized by using concrete integral pouring technology, which can reduce the cost and maintain the accuracy at the same time.

旧
JIU



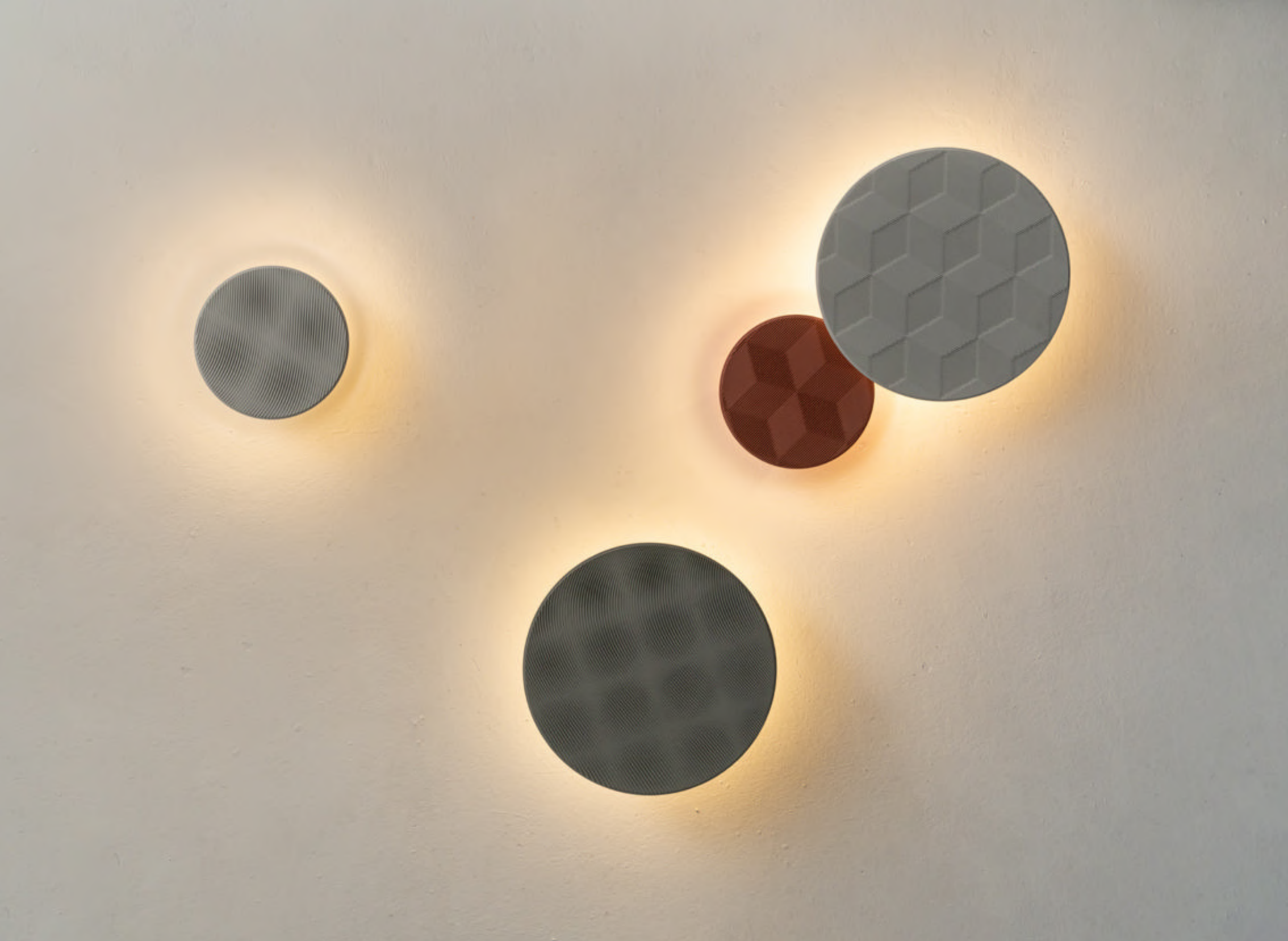
壁灯 · 旧

材料构成： BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸： 100×110×H240 mm
产品重量： 2 kg
光源类型： E27 COB LED
光源色温： 3000 K
额定功率： 2×3 W
额定电压： 100-240 V
主体颜色： 水泥原色
配件颜色： 黑色

Wall Lamp • JIU

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 100×110×H240 mm
Weight: 2 kg
Light Source: E27 COB LED
Colour Temperature: 3000 K
Wattage: 2×3 W
Voltage: 100-240 V
Colour: Cement Grey
Accessory Colour: Black

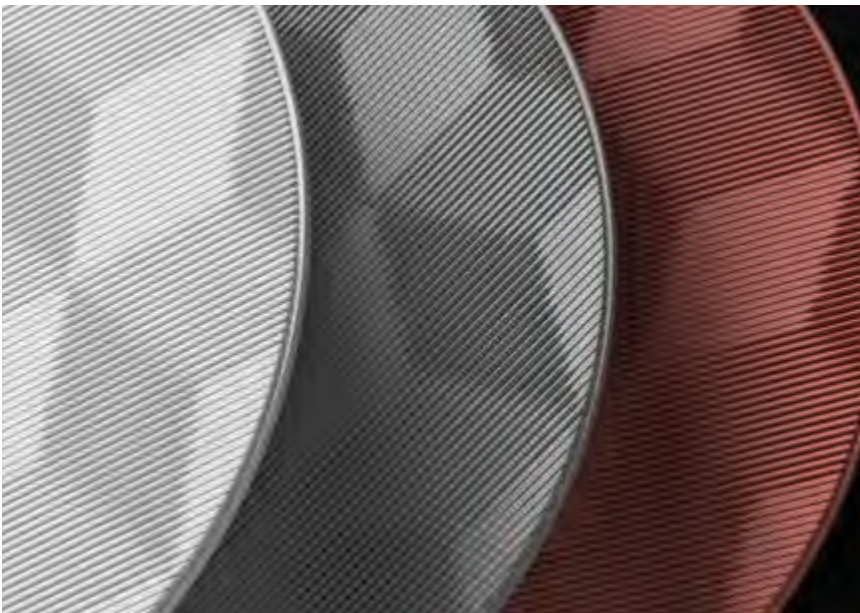




混凝土光影成像户外壁灯 · 品 CONCRETE OUTDOOR WALL LAMP · PIN

光影成像原理与再生混凝土的结合应用，让产品随着光线的变化与视觉位置的移动，图像也随之变动，流动的光影创造出空间的日常诗意氛围。在工艺上利用 3D 图像混凝土技术，结合参数化、数据控制技术，生成精密分布的宽窄、深浅线条变化，形成了具有强烈秩序感的数字化阵列图像。

The combination of light and shadow imaging principle and recycled concrete makes the product change with the change of light and the movement of visual position, and the flowing light and shadow create the daily poetic atmosphere of space. In terms of design method, the product design uses concrete 3D imaging technology, combined with parametric, data control techniques, to generate a precise distribution of wide, narrow and deep line variations, creating a digital array of images with a strong sense of sequence.

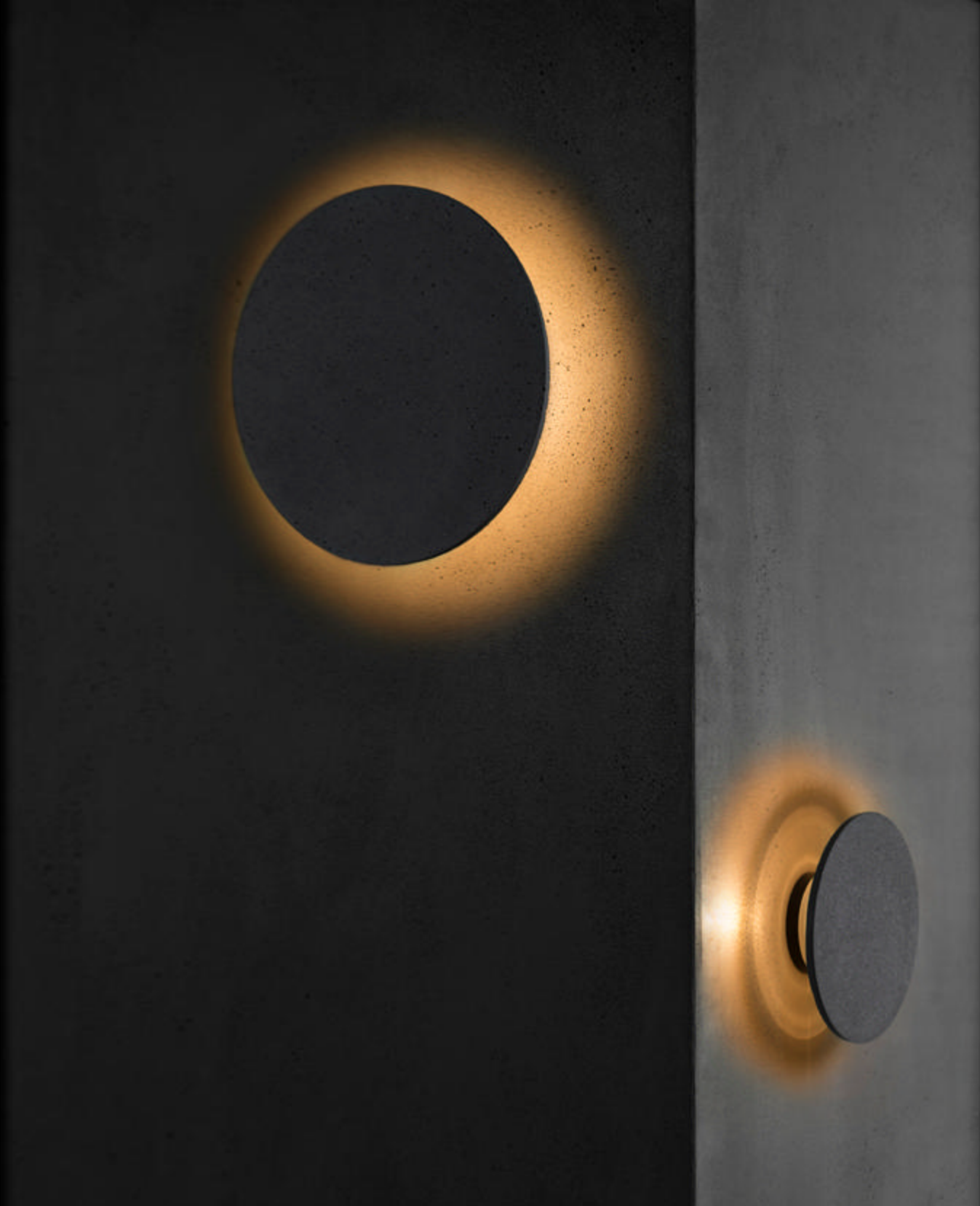


户外壁灯 · 品

材料构成： BTPC, 陶瓷沙, 粉煤灰, 铝, 亚克力
产品尺寸： S: Ø160×H52 / L: Ø260×H71 mm
产品重量： S: 0.66 kg / L: 1.77 kg
电线规格： 黑色, 0.9 米
光源类型： AC LED
光源色温： 3000K
额定功率： 3W
额定电压： 220-240V
防水级别： IP65
可选颜色： 白色 / 灰色 / 土红色

Wall Lamp · Pin

Material: BTPC, Ceramic Sand, Byash, Aluminum, Acrylic
Size: S: Ø160×H52 mm / L: Ø260×H71 mm
Weight: S:0.66 kg / L:1.77 kg
Cord: Black, 0.9 m
Light Source: AC LED
Colour Temperature: 3000K
Wattage: 3W
Voltage: 220-240V
Waterproof rating: IP65
Colour: White / Grey / Earth Red



混凝土户外壁灯 · 品 WALL LAMP (OUTDOOR) · PIN

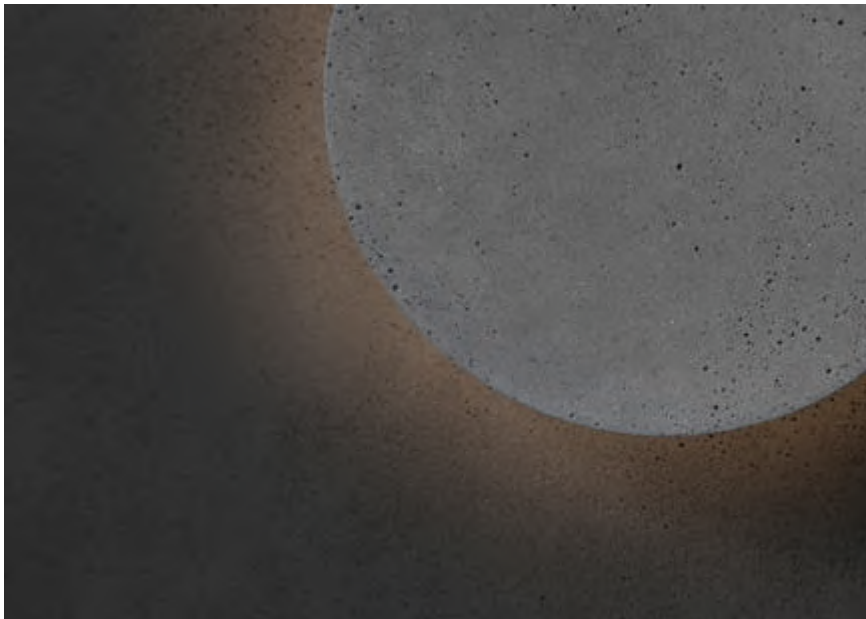
当虚拟信号如网如潮涌至，人类在如远即近的重重幻象中生存，愈发渴求真实的感知。这种真实在建筑空间中，直接表现为对材料的重新认知。回归材质的本质与追求，从建筑表皮到建筑照明，混凝土材质的本真与自然，与建筑体浑然天成。

When the virtual signal is like a network, human beings are living in the illusion of being far away and near, and they are more and more eager for real perception. This kind of truth is directly manifested in the re-cognition of materials in architectural space. Returning to the essence and pursuit of materials, from architectural skin to architectural lighting, the authenticity and nature of concrete materials are natural with the building body.



品

PIN



户外壁灯 · 品

材料构成： BTPC, 陶瓷沙, 粉煤灰, 铝, 亚克力
产品尺寸： S: Ø160×H43 mm/ L: Ø260×H60 mm
产品重量： 0.7 kg / 1.4 kg
电线规格： 黑色, 0.9 米
光源类型： AC LED
色温范围： 3000 K
额定功率： 3 W
额定电压： 220-240 V
防水级别： IP65

Wall Lamp • PIN (Outdoor)

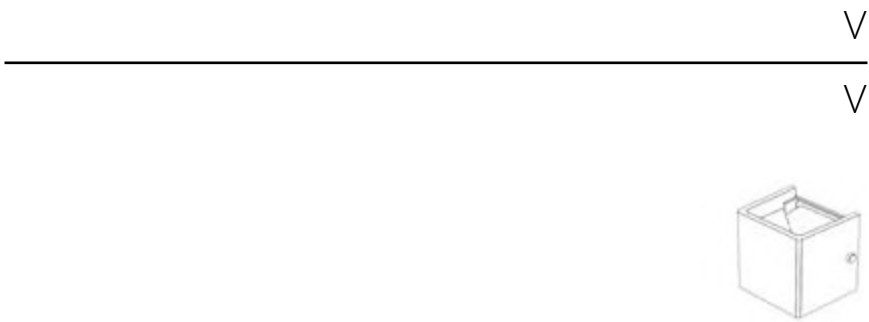
Material: Material: BTPC, Ceramic Sand, Byash, Aluminum, Acrylic
Size: S: Ø160×H43 mm/ L: Ø260×H60 mm
Weight: 0.7 kg / 1.4 kg
Cord: Black, 0.9 m
Light Source: AC LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220-240 V
Waterproof rating: IP65



混凝土户外壁灯 • V WALL LAMP (OUTDOOR) • V

一束光，冲破混凝土立方块的有限形态，重新定义我们认知的世界，形的世界，究竟是因为光与影的相互抗衡，还是意识服从于经验的桎梏？

A beam of light breaks through the limited form of concrete cubes and redefines the world we know. Is it because of the competition between light and shadow, or is consciousness subject to the shackles of experience?



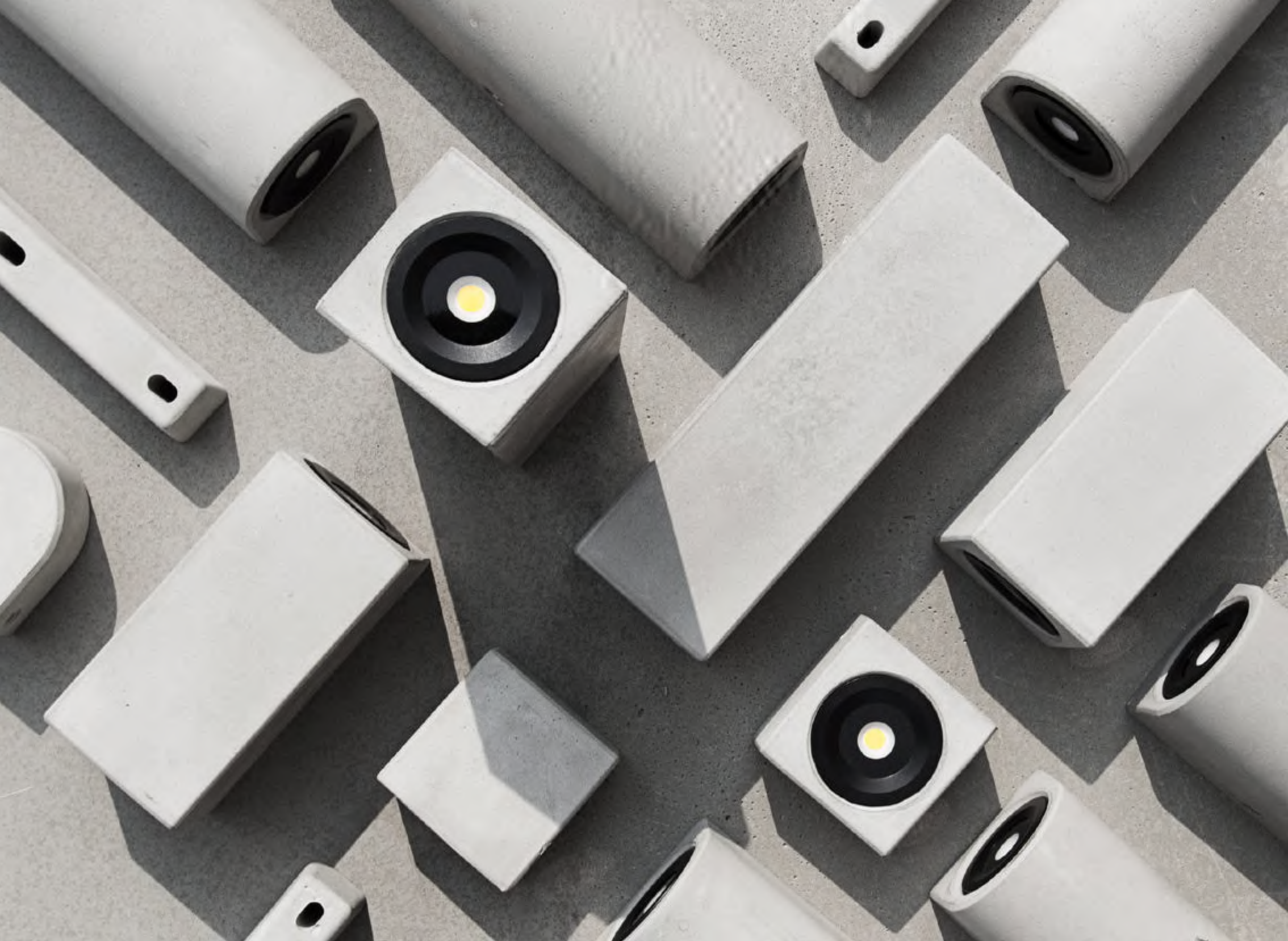
户外壁灯 · V

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：105×128×H108 mm
产品重量：1.3 kg
光源类型：LED
光源色温：3000 K
额定功率：2×3 W
额定电压：100-240 V
防水等级：IP65
主体颜色：水泥原色

Wall Lamp · V (outdoor)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 105×128×H108 mm
Weight: 1.3 kg
Light Source: LED
Colour Temperature: 3000 K
Wattage: 2×3 W
Voltage: 100-240 V
Waterproof rating: IP65
Colour: Cement Grey





混凝土户外壁灯 · D WALL LAMP (OUTDOOR) · D

作为混凝土精细构件化的实验，最初出发点是为了解决生产环节可能存在的浪费。材质的探索与实验，不仅仅在于对“新”材料的追寻，更在于“旧”材料能如何在人居环境中产生价值，改善环境问题，为城市增添美好。混凝土的精密构件化，一体出模，不再外加修饰，压缩生产时间与成本，抗污耐用，与建筑本体自然共生。

As an experiment of concrete fine component, the initial starting point is to solve the possible waste in production. The exploration and experiment of materials lies not only in the pursuit of "new" materials, but also in how "old" materials can generate value in the living environment, improve environmental problems and add beauty to the city. The precision component of concrete, one-piece demoulding, no additional decoration, compression of production time and cost, pollution resistance and durability, and natural symbiosis with the building itself.



户外壁灯 · D

材料构成： BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸： S: 82×82×H60 mm /
 M: 82×82×H160 mm /
 L: 82×82×H260 mm
产品重量： 0.4 / 1.2 / 1.3 kg
光源类型： AC LED
色温范围： 3000 K
额定功率： 3 W
额定电压： 220-240 V
防水级别： IP65

Wall Lamp · D(Outdoor)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: S: 82×82×H60 mm /
 M: 82×82×H160 mm /
 L: 82×82×H260 mm
Weight: 0.4 / 1.2 / 1.3 kg
Light Source: AC LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220-240 V
Waterproof rating: IP65







混凝土壁灯/射灯/筒灯 · 吕系列 WALL LAMP/SPOTLIGHT/CEILING LAMP · LV

在生产上，一体出模而成，不再外加装饰，简化生产工序，节省生产成本。在使用上，这款射灯既可用于轨道安装，也可单独安装在天花上，或者安装在墙上，实现功能多样性。射灯 / 壁灯可自由调节灯源方向；混凝土材质的使用，是过剩产能的一种日常消化，符合当代的工业化生产需求，在兼顾商用照明功能的同时，切切实实地保护自然。

In production, it is molded integrally, without additional decoration, which simplifies the production process and saves the production cost. In use, this spotlight can be used for track installation, ceiling installation alone, or wall installation to achieve functional diversity. Spotlight/wall lamp can freely adjust the direction of light source; The use of concrete material is a daily digestion of excess capacity, which meets the needs of contemporary industrial production, and protects nature while taking into account the commercial lighting function.



壁灯 · 吕

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø66×H245 mm
(灯罩长 200 mm)
产品重量：0.7 kg
光源类型：COB LED GU10
光源色温：3000 K
额定功率：5 W
额定电压：100-240 V
主体颜色：水泥原色
配件颜色：黑色

Wall Lamp · LV

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø66×H245 mm (lampshade: H200mm)
Weight: 0.7 kg
Light Source: COB LED GU10
Colour Temperature: 3000 K
Wattage: 5 W
Voltage: 100-240 V
Colour: Cement Grey
Accessory Colour: Black



射灯 · 吕

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø66×H253 mm
(灯罩长 200 mm)
产品重量：0.7 kg
光源类型：COB LED GU10
光源色温：3000 K
额定功率：5 W
额定电压：100-240 V
主体颜色：水泥原色
配件颜色：黑色

Spotlight · LV

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø66×H253 mm (lampshade: H200 mm)
Weight: 0.7 kg
Light Source: COB LED GU10
Colour Temperature: 3000 K
Wattage: 5 W
Voltage: 100-240V
Colour: Cement Grey
Accessory Colour: Black



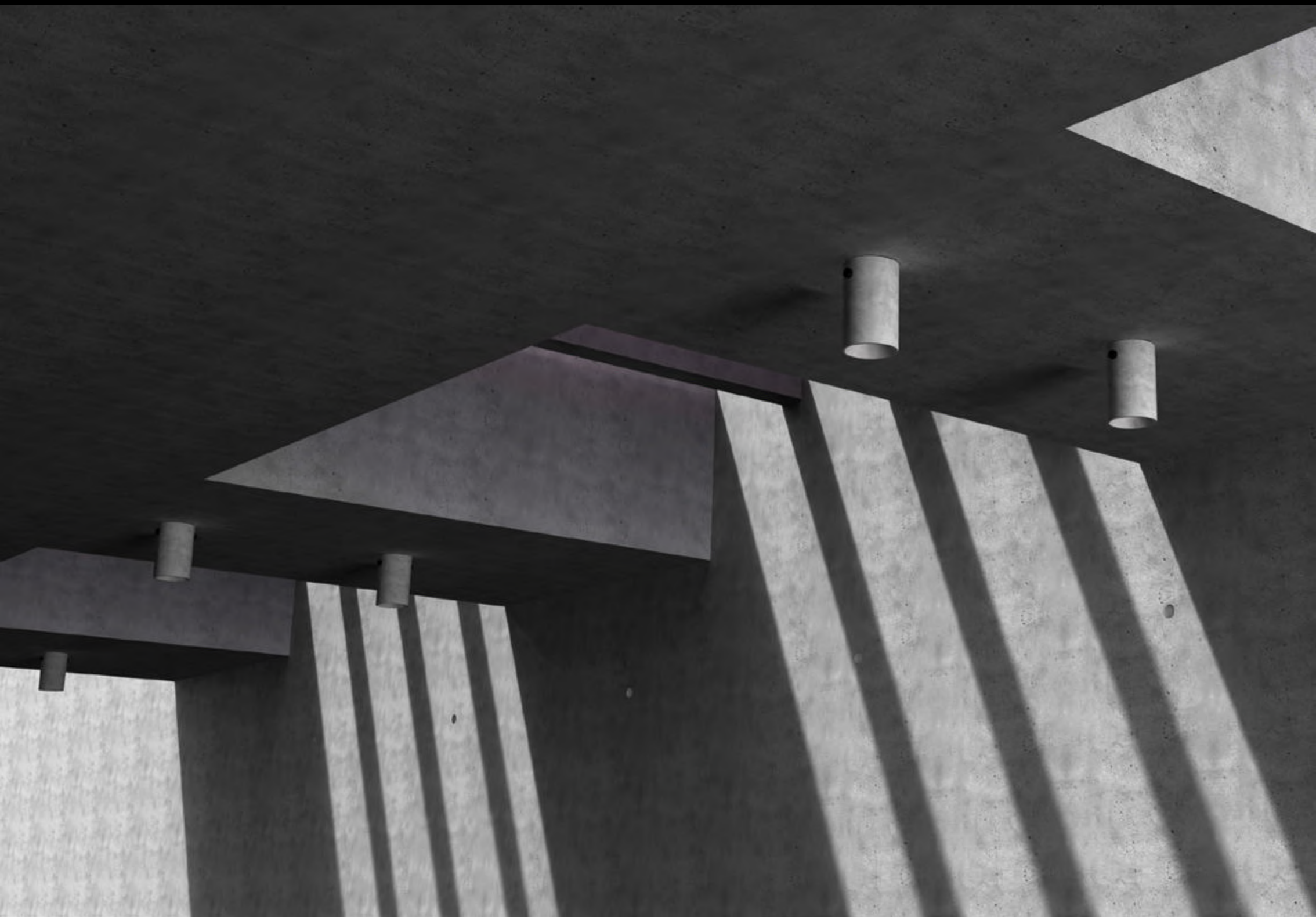
筒灯 · 吕

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø66×H105 mm
产品重量：0.4 kg
光源类型：COB LED GU10
光源色温：3000 K
额定功率：5 W
额定电压：100-240 V
主体颜色：水泥原色
配件颜色：黑色

Ceiling Lamp · LV

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø66×H105 mm
Weight: 0.4 kg
Light Source: COB LED GU10
Colour Temperature: 3000 K
Wattage: 5 W
Voltage: 100-240 V
Colour: Cement Grey
Accessory Colour: Black







环

HUAN



吸顶灯 · 环

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø138×H60 mm / Ø274×H60 mm
产品重量：0.7 kg / 2 kg
光源类型：LED 平板灯片
光源色温：3000 K (暖白) / 6500 K (冷白)
额定功率：10 W / 30 W
额定电压：220-240 V
主体颜色：水泥原色
配件颜色：黑色

Ceiling Lamp · HUAN

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø138×H60 mm / Ø274×H60 mm
Weight: 0.7 kg / 2 kg
Light Source: LED Panel
Colour Temperature: 3000 K / 6500 K
Wattage: 10 W / 30 W
Voltage: 220-240 V
Colour: Cement Grey
Accessory Colour: Black











混凝土台灯 / 落地灯 · 呈 DESK LAMP / FLOOR LAMP · NIE

「呈」系列尝试将建筑与产品进行融合，模糊界限；将建筑造型应用于空间产品之上，基色调灰度层层递进，去除一切形式上的多余，还原需求与功能的本质；将建筑造型延伸至建筑内外的空间产品上，以达到材料的高度统一与融合，通过色调的传递与物象的表达，带来极致的视觉感受与独特的空间气场；产品犹如建筑物一般，直冲天际，带着光明与希望，普照大地，给予“温暖”。

The "Ai" series attempts to integrate architecture and products, blurring the boundaries; Applying architectural modeling to space products, the basic tone and gray level are progressive, removing all formal redundancies and restoring the essence of demand and function; Extend the architectural modeling to the space products inside and outside the building, so as to achieve a high degree of unity and integration of materials, and bring the ultimate visual experience and unique space atmosphere through the transmission of color tones and the expression of objects and images; Products are like buildings, reaching straight into the sky with light and hope, shining on the earth and giving "warmth".



台灯 • 星 -S

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝, 玻璃
产品尺寸：Ø200*h185 mm
产品重量：4 kg
电线规格：黑色, 1.7 米
光源类型：E27 LED
光源色温：2700 K
额定功率：5 W
额定电压：220-240V
光通量 lm: 470

Desk Lamp • NIE

Material: BTPC, Ceramic Sand, Byash, Aluminum, Glass
Size: Ø200*h185 mm
Weight: 4 kg
Cord: Black, 1.7 m
Light Source: E27 LED
Colour Temperature: 2700 K
Wattage: 5 W
Voltage: 220-240V
Luminous Bux lm: 470



台灯 • 星 -M

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝, 玻璃
产品尺寸：Ø200*h280 mm
产品重量：8 kg
电线规格：黑色, 1.7 米
光源类型：E27 LED
光源色温：2700 K
额定功率：5 W
额定电压：220-240V
光通量 lm: 470

Desk Lamp • NIE

Material: BTPC, Ceramic Sand, Byash, Aluminum, Glass
Size: Ø200*h280 mm
Weight: 8 kg
Cord: Black, 1.7 m
Light Source: E27 LED
Colour Temperature: 2700 K
Wattage: 5 W
Voltage: 220-240V
Luminous Bux lm: 470





落地灯 • 呈 -S

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝, 玻璃
产品尺寸：280*280*h945 mm
产品重量：22 kg
电线规格：黑色, 2.8 米
光源类型：E27 LED
光源色温：2700 K
额定功率：5 W
额定电压：220-240V
光通量 lm: 470

Floor Lamp • NIE

Material: BTPC, Ceramic Sand, Byash, Aluminum, Glass
Size: 280*280*h945 mm
Weight: 22 kg
Cord: Black, 2.8 m
Light Source: E27 LED
Colour Temperature: 2700 K
Wattage: 5 W
Voltage: 220-240V
Luminous Bux lm: 470



落地灯 • 呈 -M

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝, 玻璃
产品尺寸：300*300*h1590 mm
产品重量：50 kg
电线规格：黑色, 2.8 米
光源类型：E27 LED
光源色温：2700 K
额定功率：5 W
额定电压：220-240V
光通量 lm: 470

Floor Lamp • NIE

Material: BTPC, Ceramic Sand, Byash, Aluminum, Glass
Size: 300*300*h1590 mm
Weight: 50 kg
Cord: Black, 2.8 m
Light Source: E27 LED
Colour Temperature: 2700 K
Wattage: 5 W
Voltage: 220-240V
Luminous Bux lm: 470





混凝土户外庭院灯・框 OUTDOOR GARDEN LAMP・FRAME

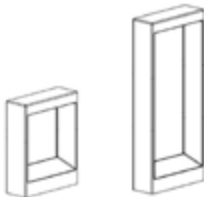
栖于林，隐于野，光影流动中自成景象，又构成景象。将框的结构元素立体化，质感化，秩序化，在建筑与外部景观的延展中，让建筑与自然衔接共生。

Living in the forest, hiding in the wild, light and shadow flow into their own scene, but also constitute a scene. The structural elements of the frame are three-dimensional, textured and orderly, and in the extension of architecture and external landscape, architecture and nature are connected and symbiotic.



框

FRAME



户外庭院灯 · 框

材料构成： BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸： S: 100×280×H350 mm /
 M: 100×280×H350 mm
产品重量： 8.2 / 14 kg
光源类型： AC LED
色温范围： 3000 K
额定功率： 3 W
额定电压： 220-240 V
防水级别： IP65

Garden Lamp • FRAME

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: S: 100×280×H350 mm /
 M: 100×280×H350 mm
Weight: 8.2 / 14 kg
Light Source: AC LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220-240 V
Waterproof rating: IP65



混凝土户外庭院灯・方 OUTDOOR GARDEN LAMP・CUBE

以最常态的混凝土体块作为户外灯，连接建筑与户外景观，我们在光与影的指向中探讨自由的本质。最简单的几何体，让形式消失于混凝土肌理的表达，消融于自然景观中。超高性能混凝土与建筑废渣的再生结合，在人类与自然的契约中，给荒林草野，风霜雨雪，长幅的黑夜，标记出每一段序列。

Taking the most normal concrete block as the outdoor lamp, connecting the building with the outdoor landscape, we explore the essence of freedom in the direction of light and shadow. The simplest geometry makes the form disappear in the expression of concrete texture and melt into the natural landscape. The combination of ultra-high performance concrete and the regeneration of construction waste residue marks every sequence for the wild forest, wind, frost, rain, snow and long night in the contract between human beings and nature.



户外庭院灯·方

材料构成：BTPC, 陶瓷沙, 粉煤灰, 铝

产品尺寸：S: 120×120×h250 /
M: 120×120×h350 /
L: 120×120×h600 mm

产品重量：5.5 / 7.6 / 12.9 kg

光源类型：AC LED

色温范围：3000 K

额定功率：3 W, 220-240 V

防水级别：IP65

Garden Lamp • CUBE

Material: BTPC, Ceramic Sand, Byash, Aluminum

Size: S: 120×120×h250 /

M: 120×120×h350 /

L: 120×120×h600 mm

Weight: 8.2 / 14 kg

Light Source: AC LED

Colour Temperature: 3000 K

Wattage: 3 W, 220-240 V

Waterproof rating: IP65



超高性能混凝土洗手盆 · 回 UHPC LAVABO · HUI

采用超高性能混凝土 UHPC 一体铸造成型；盆口边缘大切角设计，个性精致，保留其利落收口细节。最大化减少孔洞的出现，结构表面致密均匀；表面涂层处理，大大提升其防水抗污性能。源于对细节的执着追求，独立设计混凝土下水器配件。需排水时弹起盖子，会留有 3mm 左右的缝隙供排水，也起到一定的过滤效果；蓄水状态时盖子与盆底持平，最大化保留产品的整体统一性。

Ultra-high performance concrete UHPC is adopted for integral casting; The edge of the basin mouth is designed with a large cutting angle, which is exquisite in personality and retains its neat closing details. Minimize the appearance of holes, and the surface of the structure is compact and uniform; Surface coating treatment greatly improves its waterproof and anti-pollution performance. From the persistent pursuit of details, we independently designed concrete sewer fittings. Pop up the cover when drainage is needed, leaving a gap of about 3mm for drainage, which also plays a certain filtering effect; When the water is stored, the cover is flat with the bottom of the basin, which maximizes the overall unity of the product.

回

HUI



洗手盆 • 回

主体材料：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：Ø400×H130 mm
下水孔径：约 Ø40 mm
产品重量：14 kg

Washbasin • HUI

Material: BTPC, Ceramic Sand, Byash
Size: Ø400×H130 mm
Drain Hole: Ø40 mm
Weight: 14 kg





混凝土边几·百 CONCRETE SIDE TABLE·BAI

简单才是需求，给设计做减法，去除复杂的修饰、多余的功能，凝炼欲望，简化造型，一切只为直白的使用与纯粹的美。在加工和组装工序上的简化，能有效节省生产成本，以设计为基本手段践行普世价值观，实实在在地回馈大众。“百”作为边桌，具有很强的功能性的目的，贴合现代居室的简约理念，没有过多的干扰性，适用于现代家居用具的各种组合搭配。

Simplicity is the demand. Subtract the design, remove complex decoration and redundant functions, refine desire and simplify modeling, all for straightforward use and pure beauty. Simplification of processing and assembly processes can effectively save production costs, practice universal values with design as the basic means, and truly give back to the public. As a side table, "Bai" has a strong functional purpose, conforms to the simple concept of modern living rooms, has no excessive interference, and is suitable for various combinations of modern household appliances.

百

BAI



边几 • 百

主体材料：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：S: Ø500×H450/M:Ø400×H520/L: 400×450×H600mm
产品重量：25 / 23 / 24.5 kg
配件颜色：黑色 / 红色 / 白色

Side Table • BAI

Material: BTPC, Ceramic Sand, Byash, Metal
Size: S: Ø500×H450/M:Ø400×H520/L: 400×450×H600mm
Weight: 25 / 23 / 24.5 kg
Tabletop Colour: Black / Red / White



混凝土一体组合柜几·口 CONCRETE SIDE TABLE · KOU

一个框，是种限制，限制空间，限制自由。

两个框是种组合，三个框，就能爆发想象力，象孩子的积木，有创造，有变化。

东西赋予更多的意义就变的无意义，最基本的形态才朴实，才宽广。

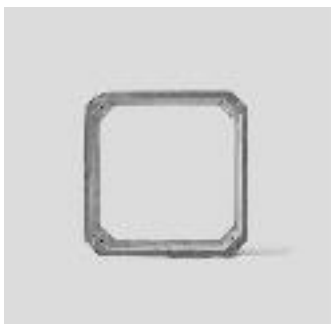
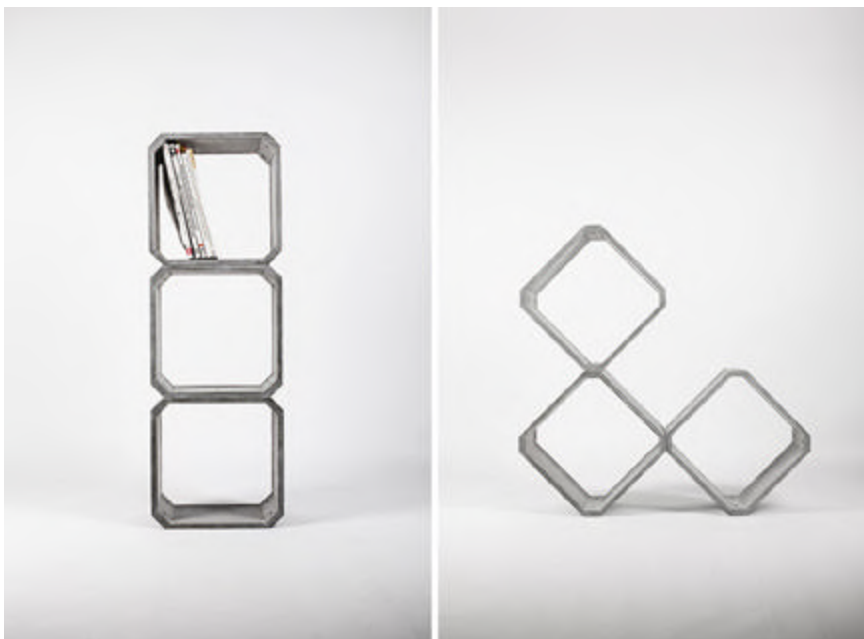
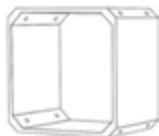
A box is a kind of restriction, space restriction and freedom restriction.

Two boxes are a combination, and three boxes can explode imagination, like children's building blocks, with creativity and change.

Things become meaningless when they are given more meaning, and the most basic form is simple and broad.

□

KOU



边几 • 口

主体材料：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：360×250×H360 mm
产品重量：11 kg

Side Table • KOU

Material: BTPC, Ceramic Sand, Byash
Size: 360×250×H360 mm
Weight: 11 kg







混凝土边几·只 CONCRETE SIDE TABLE · ZHI

水泥这种有点酷的材料，完全和活力这词挂不上关系。给他一双腿、一抹颜色，它或许就能像一只小怪兽跳起来奔跑起来，安静中隐藏着野性，就如中文名字“只”一样。水泥边桌与书柜的结合，中空部分可存放书本与摆设。

Cement, a kind of cool material, has nothing to do with the word vitality. Give him a pair of legs and a touch of color, and he may be able to jump up and run like a little monster, hiding wildness in silence, just like the Chinese name "Zhi". The combination of cement side table and bookcase, the hollow part can store books and furnishings.



边几 · 只

主体材料：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：350×260×H500 mm
产品重量：17 kg

Side Table • ZHI

Material: BTPC, Ceramic Sand, Flyash, Metal
Size: 350×260×H500 mm
Weight: 17 kg





混凝土旋转凳子·旋 CONCRETE ROTATING STOOL · XUAN

一款可以 360°旋转的混凝土凳子。设计日常的真正力量并不在于创造出多么新异的结构和造型，而是能够化神奇为平常，它来自日常生活，回到生活本身重新审视与人们生活相关的设计，以最日常的方式来探讨设计在生活中的本质与内涵。

A concrete stool that can rotate 360 degrees. The real power of daily design lies not in how new and different structures and shapes are created, but in the ability to turn the magic into the ordinary. It comes from daily life, goes back to life itself to re-examine the design related to people's lives, and discusses the essence and connotation of design in life in the most daily way.



旋

XUAN



旋转凳子 • 旋

材料构成：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：Ø330*h470 mm
产品重量：30 kg
配件颜色：黑色

Rotating Stool • XUAN

Material: BTPC, Ceramic Sand, Byash, Metal
Demolition Leftover Concrete
Size: Ø330*h470 mm
Weight: 30 kg
Accessory Colour: Black



混凝土矮凳 / 吧凳 • A CONCRETE BAR STOOL • A

流动的光在庄重中回转，与善变的影明暗交替。是弧形的僥张，克制抑或释放？让水泥的硬朗服从原始的渴望。
我很期待，性感与刚毅并存。

The Bowing light turns in solemnity, alternating with the changeable shadows. Is it arc-shaped tension, restraint or release? Let the toughness of cement obey the original desire.

I am looking forward to the coexistence of sex appeal and fortitude.

A

A



矮凳 / 吧凳 • A

主体材料：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：350×350×H480/465×465×H760 mm
产品重量：9.5/11 kg

Bar Stool • A

Material: BTPC, Ceramic Sand, Byash, Metal
Size: 350×350×H480/465×465×H760 mm
Weight: 9.5/11 kg





混凝土椅子 • H CONCRETE CHAIR • H

硬朗与舒适，在混凝土这种材质上是否能和谐地融合？将关注点回归到人身上，“H”椅子以当代视野重塑混凝土建筑材料的生硬形象。椅背与坐面组成特殊夹角，满足人体工学原理，使得其能更好地贴合臀部和腰部，为使用者带来舒适的体验感。水泥部件采用超高强混凝土一体灌浆成型，无需再次打磨处理，让产品每个细节能保持高质感的同时，减少二次加工的经济成本浪费。

Toughness and comfort, can they be harmoniously integrated in concrete? Returning the focus to people, the "H" chair reshapes the stiff image of concrete building materials from a contemporary perspective. The chair back and the sitting surface form a special included angle, which meets the ergonomic principle, so that it can better fit the hips and waist and bring a comfortable experience to users. The cement parts are integrally grouted with ultra-high strength concrete, which does not need to be polished again, so that every detail of the product can maintain high texture and reduce the waste of economic cost of secondary processing.

H

H



椅子 • H

主体材料：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：580×550×H760 mm
产品重量：12kg
配件颜色：黑色

Chair • H

Material: BTPC, Ceramic Sand, Byash, Metal
Size: 580×550×H760 mm
Weight: 12 kg
Accessory Colour: Black





再生铝系列 / 椅子 • K RECYCLED ALUMINUM CHAIRS • K

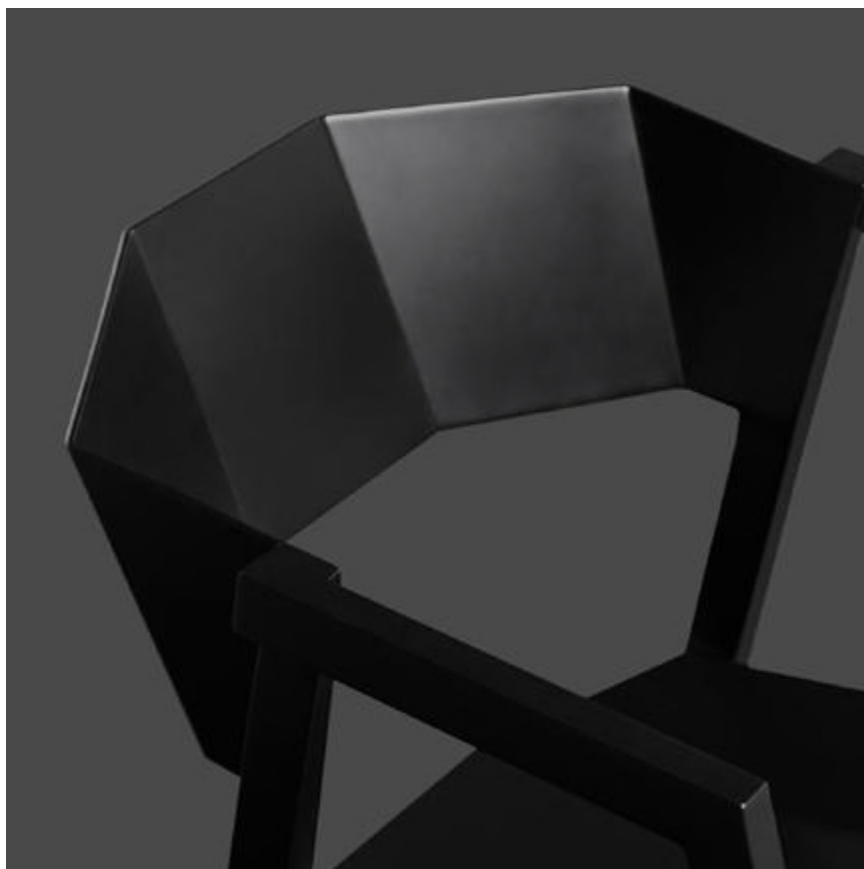
“K”座椅采用全铝材质，保留材质所特有的冰冷硬朗气质。使用了传统圈椅的架构，用锋利的线条塑造出具备侵略感的视觉与造型，区别于木椅固有的温润姿态。弯折后的金属板用作背靠、座垫，以精妙的座靠角度和包围感让金属与人产生互动。室内户外可随意摆放，耐候不生锈。表面氟碳树脂喷涂，即使紫外线下暴晒色泽仍久经不衰。

The "K" seat is made of all-aluminum material, retaining the unique cold and tough temperament of the material. The structure of traditional round-backed chairs is used, and sharp lines are used to create an aggressive vision and shape, which is different from the inherent gentle posture of wooden chairs. The bent metal plate is used as backrest and seat cushion, which makes the metal interact with people with exquisite seating angle and surrounding feeling. Indoor and outdoor can be placed at will, weather-resistant and rust-free. Surface fluorocarbon resin spraying, even if exposed to ultraviolet light, the color is still enduring.



K

K



椅子 • K

主体材料：铝
产品尺寸：522×485×H752 mm (座面 H430 mm)
产品重量：5.5 kg
可选颜色：黑色 / 白色

Chair • K

Material: Aluminium
Size: 522×485×H752 mm (Seat: H430 mm)
Weight: 5.5 kg
Colour: Black/ White



休闲躺椅 • K

主体材料：铝
产品尺寸：522×485×H752 mm (座面 H430 mm)
产品重量：5.5 kg
可选颜色：黑色 / 白色

Chair • K

Material: Aluminium
Size: 522×485×H752 mm (Seat: H430 mm)
Weight: 5.5 kg
Colour: Black/ White



再生铝系列 / 桌子·丁

RECYCLED ALUMINUM TABLE • DING

铝具有无限再生的特性，而再生铝优势相当明显，是优秀的可持续材料。8mm 厚再生铝板，耐腐蚀性强，表面使用氟碳粉末喷涂，致密表面抵御油污。车削实心再生铝杆，与面板精密连接，可拆卸结构设计，优美如小建筑。同时扁平化包装设计，极大降低运输成本。废弃的石材边角料与混凝土融合，焕发材料的新生命，与时间对抗，变成你我的日常器物。

Aluminum has the characteristics of infinite regeneration, and the advantages of recycled aluminum are quite obvious, and it is an excellent sustainable material. 8mm thick recycled aluminum plate has strong corrosion resistance, and the surface is sprayed with fluorocarbon powder, and the dense surface is resistant to oil pollution. Turning solid recycled aluminum rod, precise connection with panel, detachable structural design, beautiful as a small building. At the same time, the flat packaging design greatly reduces the transportation cost. The waste stone scraps are mixed with concrete, which gives new life to the material, confronts time and becomes our daily utensils.



圆几 / 方几 · 丁

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø600×H450 mm
产品重量：25 kg
配件颜色：黑色 / 白色

Side Table • DING(Round)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø600×H450 mm
Weight: 25 kg
Tabletop Colour: Black/ White



圆几 / 方几 · 丁

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：600×700×H350 mm
产品重量：28 kg
配件颜色：黑色 / 白色

Side Table • DING(Square)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 600×700×H350 mm
Weight: 28 kg
Tabletop Colour: Black/ White



方桌 · 丁

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：600×700×H750 mm
产品重量：29 kg
配件颜色：黑色 / 白色

Table • DING(Square)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 600×700×H750 mm
Weight: 29 kg
Tabletop Colour: Black/ White



圆桌 · 丁

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø600×H750 mm
产品重量：26 kg
配件颜色：黑色 / 白色

Table • DING(Round)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø600×H750 mm
Weight: 26 kg
Tabletop Colour: Black/ White



圆吧桌 · 丁

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø450×H1000 mm
产品重量：24 kg
配件颜色：黑色 / 白色

Bar Table • DING

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø450×H1000 mm
Weight: 24 kg
Tabletop Colour: Black/ White





户外圆桌 · 丙

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：Ø1200×H750 mm
产品重量：88 kg
底座颜色：水泥原色

Table • BIND(Outdoor)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: Ø1200×H750 mm
Weight: 88 kg
Colour: Cement Grey



户外长桌 · 丙

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：1400×800×H750 mm
产品重量：84 kg
底座颜色：水泥原色

Table • BIND(Outdoor)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 1400×800×H750 mm
Weight: 84 kg
Colour: Cement Grey



户外长桌 · 丙

主体材料：BTPC, 陶瓷沙, 粉煤灰, 铝
产品尺寸：2200×900×H750 mm
产品重量：175 kg
底座颜色：水泥原色

Table • BIND(Outdoor)

Material: BTPC, Ceramic Sand, Byash, Aluminum
Size: 2200×900×H750 mm
Weight: 175 kg
Colour: Cement Grey

廿

NIAN



长桌 • 廿

主体材料：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：1800x800xH740 mm /
2000x800xH740 mm
/2500x1000xH740 mm
产品重量：138 / 152 / 209 kg

Table • NIAN

Material: BTPC, Ceramic Sand, Byash, Metal
Size: 1800x800xH740 mm/2000x800xH740 mm
/2500x1000xH740 mm
Weight: 138 / 152 / 209 kg

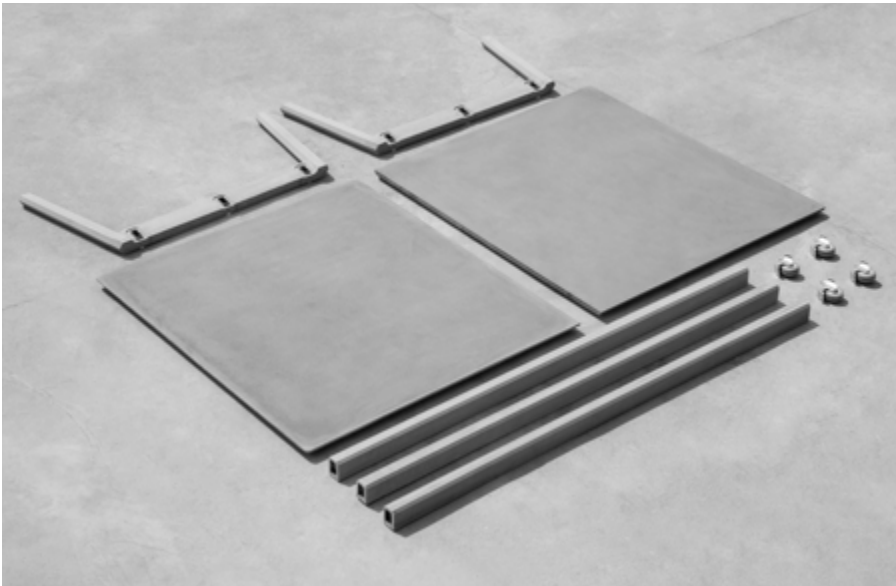




混凝土户外乒乓球桌·中 CONCRETE TABLE TENNIS TABLE · ZHONG

超高性能混凝土包含两个方面超高——具有超高的耐久性和超高的力学性能，抗压、抗拉以及高韧性。材料的突破是设计实施的原点，解决产品的功能性同时，并为了满足全球运输要求而采用拆分拼装结构，即轻盈又保持了混凝土的质朴气质。尽量加大建筑废渣及煤炭废渣的渗入量，摸索一种可持续发展的经验与思考，让可持续发展成为日常生活的可能。设计除了应该解决问题，同时也应该给我们提供认知世界的基础，并面向未来。

Ultra-high performance concrete includes two aspects: ultra-high durability and ultra-high mechanical properties, compression resistance, tensile strength and high toughness. The breakthrough of materials is the origin of design and implementation, which not only solves the functionality of products, but also adopts split assembly structure to meet the global transportation requirements, which is light and keeps the rustic temperament of concrete. Try to increase the infiltration of construction waste residue and coal waste residue, explore a kind of experience and thinking of sustainable development, and make sustainable development possible in daily life. Design should not only solve the problem, but also provide us with the basis of knowing the world and face the future.



中

ZHONG

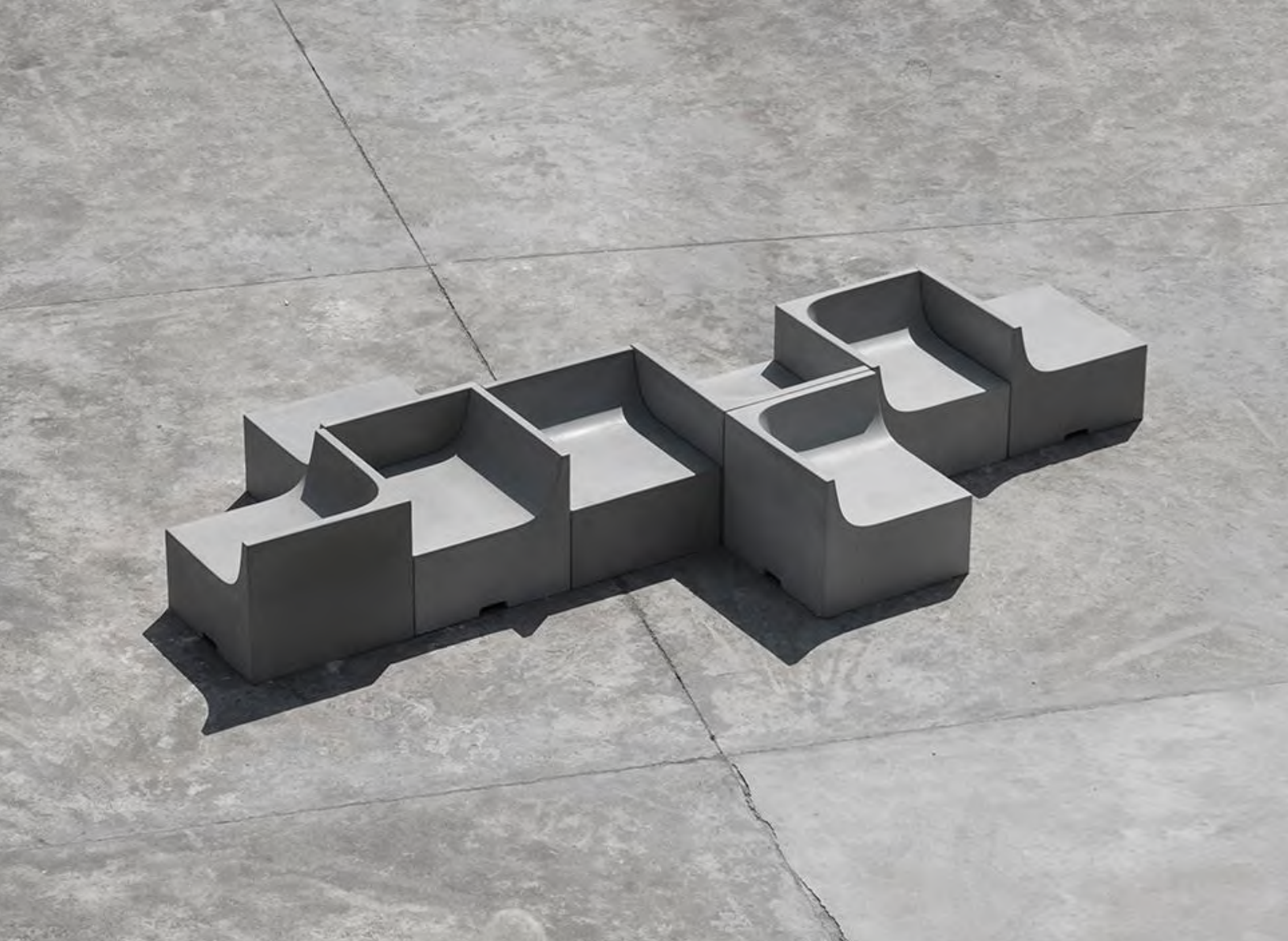


乒乓球桌 • 中

主体材料：BTPC, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：2740×1525×785 mm
产品重量：320 kg
主体颜色：水泥原色

Table tennis Table • ZHONG

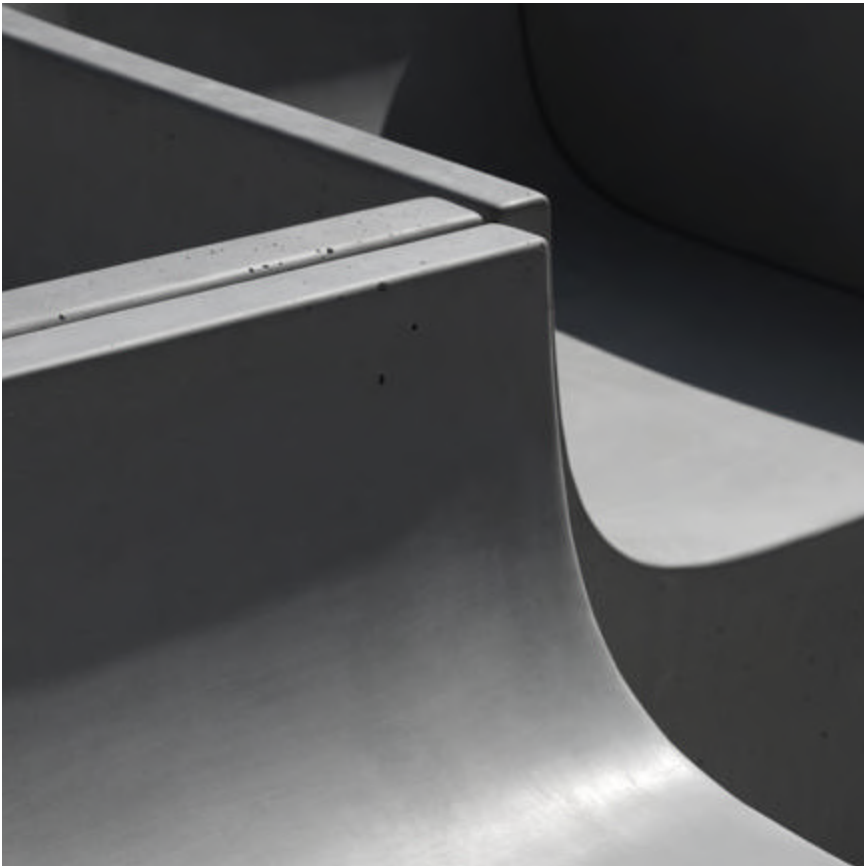
Material: BTPC, Ceramic Sand, Flyash, Metal
Size: 2740×1525×785 mm
Weight: 320 kg
Colour: Cement Grey



混凝土户外一体组合沙发 · 石 OUTDOOR INTEGRATED COMBINED SOFA · SHI

塑模、搅拌、浇灌必须一次成型高水准工艺的清水混凝土所呈现的是真心、本心、本性的美学境界，无论是经验多么丰富老道的师傅在拆模前也无法准确“计算”出每一次的品质效果。清水混凝土的质感灰调是混凝土材质最本真的表达，是法尔如是的精神，道法自然的境界。

Moulding, mixing and pouring must form fair-faced concrete with high-level technology at one time, which presents the aesthetic realm of sincerity, sincerity and nature. No matter how experienced and sophisticated the master is, he can't accurately "calculate" the quality effect of each time before demoulding. The gray tone of fair-faced concrete is the most authentic expression of concrete material, and it is the spirit of Farr and the natural realm of Taoism.



沙发 • 石

主体材料：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：直角：650×650×h600（坐高 350）mm 产
品重量：120 kg
主体颜色：水泥原色

Sofa • SHI

Material: BTPC, Ceramic Sand, Byash
Size: 650×650×h600 mm
Weight: 120 kg
Colour: Cement Grey

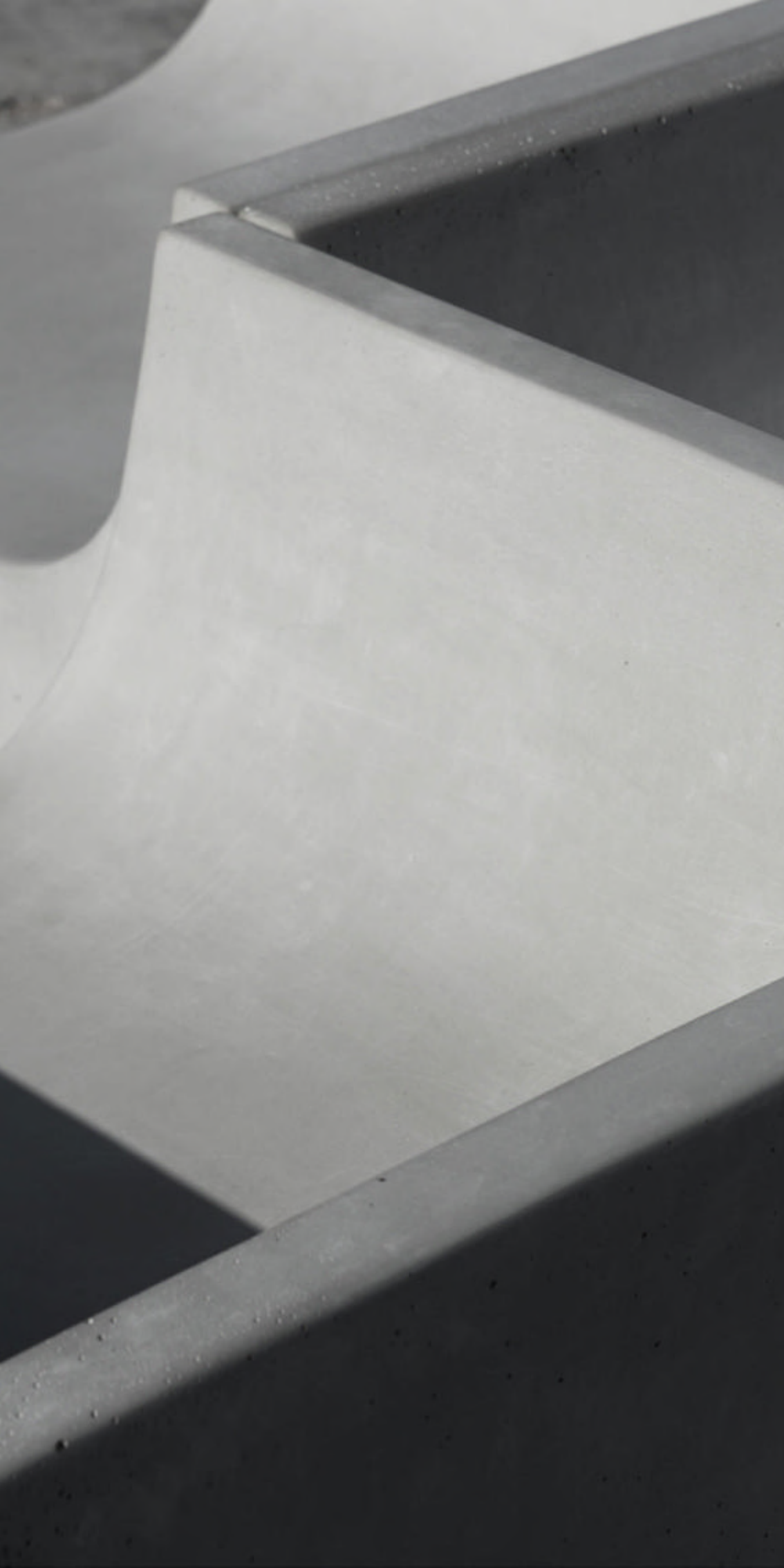


沙发 • 石

主体材料：BTPC, 陶瓷沙, 粉煤灰
产品尺寸：转角：650×650×h600（坐高 350）mm
产品重量：140 kg
主体颜色：水泥原色

Sofa • SHI

Material: BTPC, Ceramic Sand, Byash
Size: 650×650×h600 mm
Weight: 140 kg
Colour: Cement Grey





回收废瓷 / 红砂岩 / 钢渣 / 粉煤灰户外凳系列 OUTDOOR STOOL SERIES OF RECYCLED WASTE PORCELAIN/RED SANDSTONE/STEEL SLAG/FLY ASH

江西，景德镇废瓷，鄱阳湖红砂岩边角料，九江钢厂钢渣，神化电厂粉煤灰等多种在地废弃物，本土创造运用现代美学的原则来重新审视这些废弃物，不再视它们为垃圾，并把它们“不完美”或瑕疵的部分进行保留，延续并转化为新的语言和故事。

我们塑造废弃物物体，赋予它们新的形式和意义；

而当我们被这些由废弃物重塑的物体所包围时，它们也在潜移默化地重塑我们的认知、行为和价值观。

Jiangxi, Jingdezhen waste porcelain, Poyang Lake red sandstone scraps, Jiujiang steel slag, Shenhua power plant By ash and other on-site wastes, BENTU design use the principles of modern aesthetics to re-examine these wastes, no longer regard them as garbage, and keep their "imperfect" or defective parts, continue and transform them into new languages and stories.

We shape waste objects and give them new forms and meanings;

And when we are surrounded by these objects reshaped by waste, they are also subtly reshaping our cognition, behavior and values.



组合凳子 · X

主体材料：BTPC, 红砂岩混色, 陶瓷沙, 粉煤灰, 金属铁
产品尺寸：L600*W455*H440/ L1200*W455*H440 mm

Combined Stool · X

Material: BTPC, red sandstone mixed color, ceramic sand, By ash, metallic iron
Size: L600*W455*H440/ L1200*W455*H440 mm



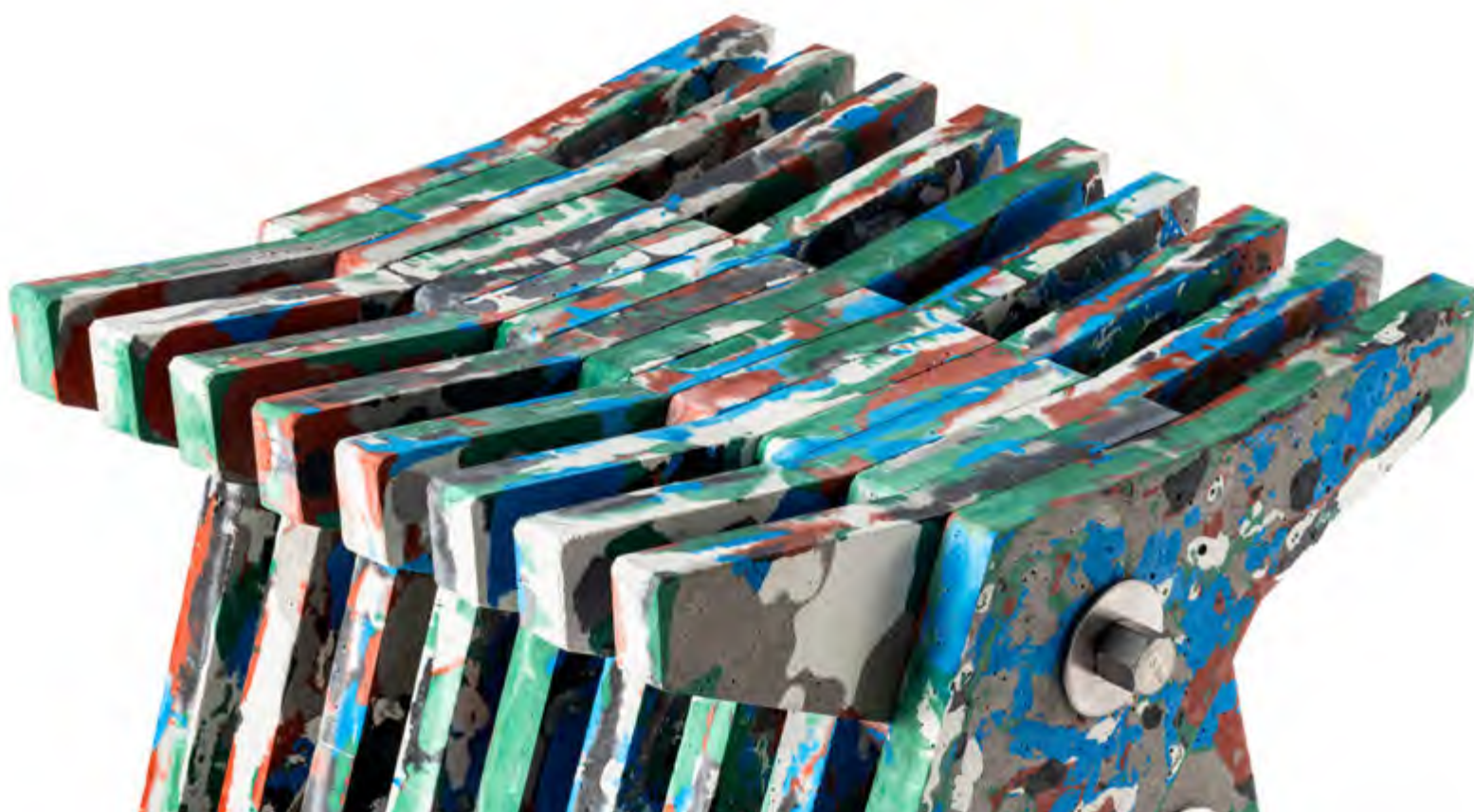
组合凳子 · 十

主体材料：BTPC, 景德镇废瓷, 红砂岩混色, 粉煤灰
产品尺寸：L1390*W600*H450/ L2400*W600*H450 mm

Combined Stool · TEN

Material: BTPC, Jingdezhen waste porcelain, red sandstone color mixing, By ash
Size: L1390*W600*H450/ L2400*W600*H450 mm













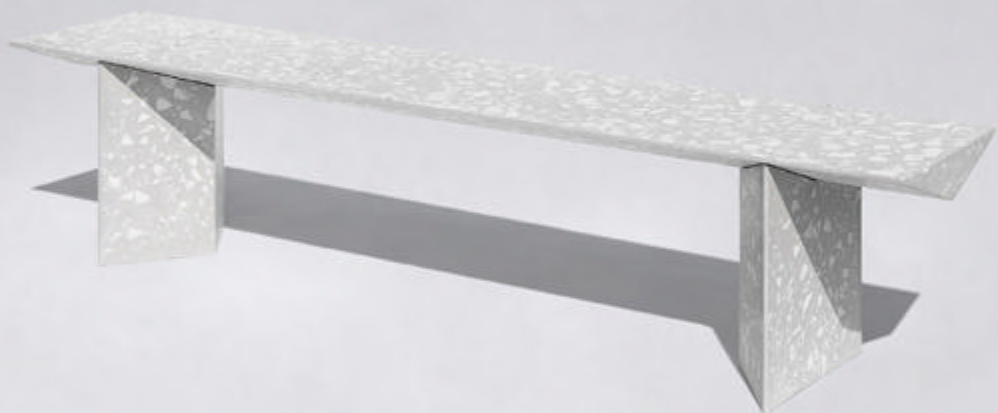


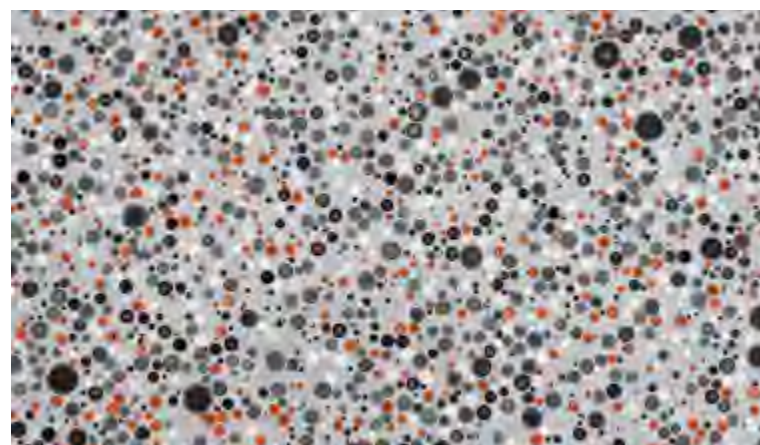


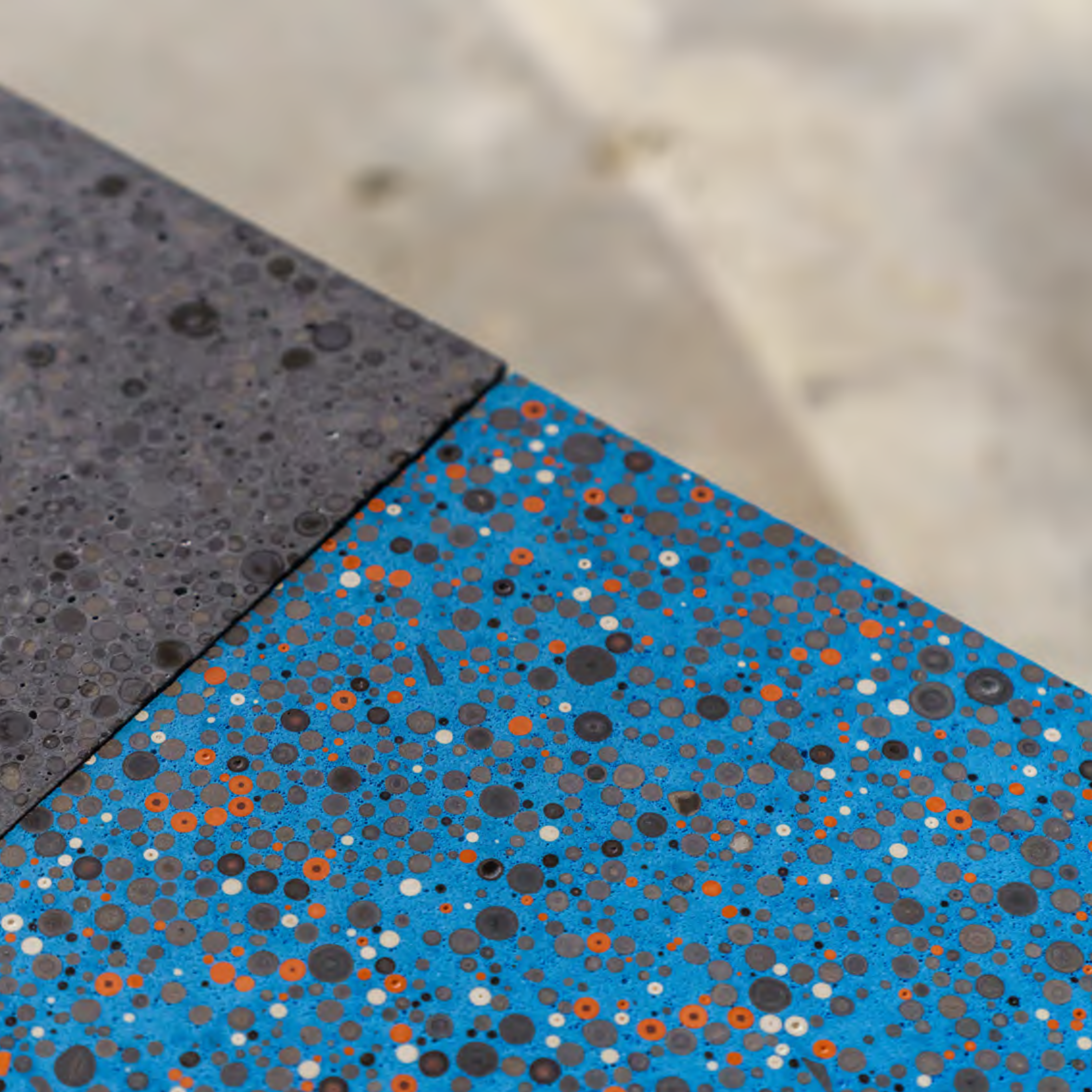
混凝土户外组合凳·梁 CONCRETE OUTDOOR BENCHES · LIANG

一款回收应用日用陶瓷废料的混凝土公共家具，它提出一种积极、平实、极具社会性的『可持续化』日常。将中国本土庞大的日用陶瓷废料存量引入材料开发应用中，替代天然大理石骨料，经济环保；而陶瓷废料的原本形态被转化为产品独特的视觉语言，更显真实自然、亲和美观。在设计上，『梁』采用模数化设计，Y形模块长度不同的分支更提供了丰富的自由组合形态；部件结构采用装配形式，降低运输的成本投入，便于普及。

A kind of concrete public furniture for recycling daily-use ceramic waste, which puts forward a positive, plain and highly social "sustainable" daily life. It is economical and environmentally friendly to introduce the huge domestic ceramic waste stock in China into the development and application of materials to replace natural marble aggregate; The original form of ceramic waste is transformed into the unique visual language of the product, which is more real, natural, friendly and beautiful. In design, the "beam" adopts modular design, and the branches with different lengths of Y-shaped modules provide rich free combination forms; The component structure adopts assembly form, which reduces the transportation cost and is convenient for popularization.









户外组合长凳 • 梁 -I 型

主体材质： BTPC, 陶瓷沙, 粉煤灰
产品尺寸： 2000x400x445 mm
产品重量： 139 kg

Bench • Liang-I

Material: BTPC, Ceramic Sand, Byash
Leftover Concrete
Size: 2000x400x445 mm
Weight: 139 kg



户外组合长凳 • 梁 -Y 型

主体材质： BTPC, 陶瓷沙, 粉煤灰
产品尺寸： 2045x1700x445 mm
产品重量： 210 kg

Bench • Liang-Y

Material: BTPC, Ceramic Sand, Byash
Leftover Concrete
Size: 2045x1700x445 mm
Weight: 210 kg



户外组合长凳 • 梁 -I 型

主体材质： BTPC, 日用陶瓷废渣, 粉煤灰
产品尺寸： 2000x400x445 mm
产品重量： 140 kg

Bench • Liang-I

Material: BTPC, Ceramic Sand, Byash
Ceramic Waste
Size: 2000x400x445 mm
Weight: 140 kg



户外组合长凳 • 梁 -Y 型

主体材质： BTPC, 日用陶瓷废渣, 粉煤灰
产品尺寸： 2045x1700x445 mm
产品重量： 206 kg

Bench • Liang-Y

Material: BTPC, Ceramic Sand, Byash
Ceramic Waste
Size: 2045x1700x445 mm
Weight: 206 kg



失体系列 / 桌子 • 工

主体材料： BTPC, 日用陶瓷废渣, 粉煤灰, 金属铁板
产品尺寸： Ø1000×h750 mm
产品重量： 85 kg
主体颜色： 白色

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 85 kg
Colour: White

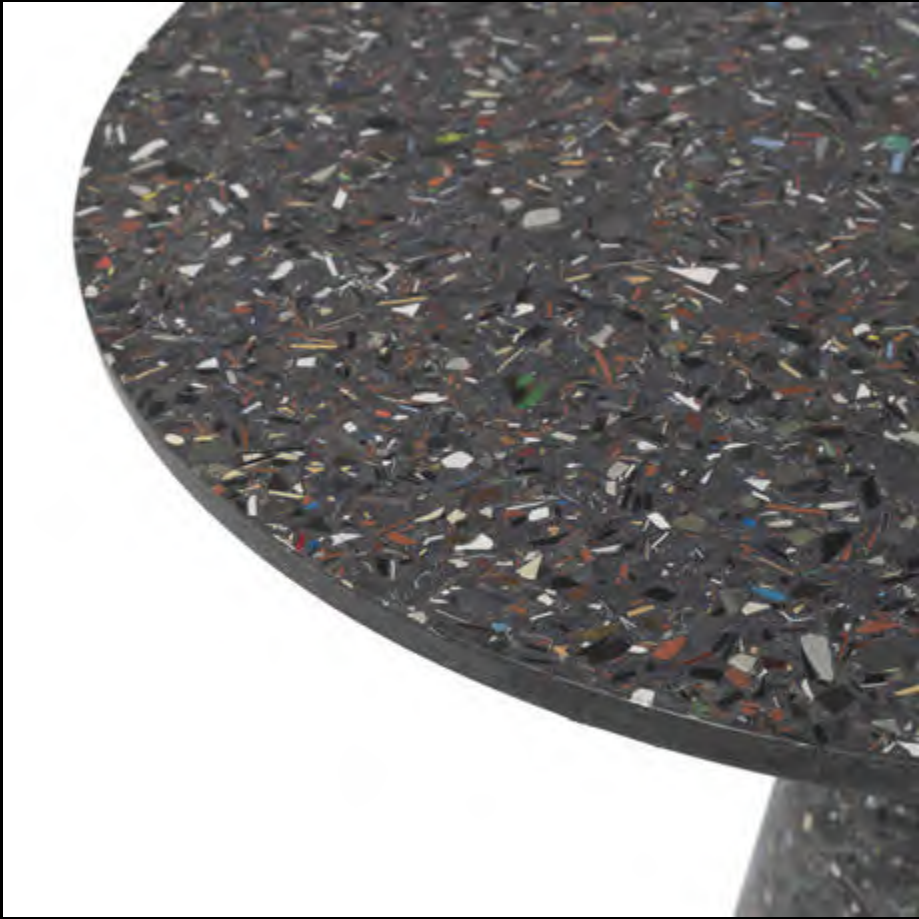


回收固体废弃物桌子 · 工 RECYCLED SOLID WASTE TABLE · GONG

“工”系列桌子，独特的设计使之在空间中自成一景，成为视觉的焦点。多种材料的对比与融合，增添空间的层次感和美感，适用于多种空间风格，营造出不同的空间氛围。用混凝土和废弃材料结合而形成的家具，兼具自然的质朴与现代的艺术感，展现出独特的视觉冲击和艺术气息。将废弃物与混凝土结合，使每张桌子都呈现出独一无二的纹路，肌理和触感，让空间变得生动有趣，不仅增加了空间的层次感和视觉趣味性，还传递出环保与美学的理念。

The unique design of the "Gong" series table makes it a unique scene in the space and become the focus of vision. The contrast and fusion of various materials adds a sense of hierarchy and beauty to the space, which is suitable for various space styles and creates different space atmosphere. Furniture made of concrete and waste materials has both natural simplicity and modern artistic sense, showing unique visual impact and artistic atmosphere. Combining waste with concrete, each table presents a unique texture, texture and touch, making the space lively and interesting, which not only increases the layering and visual interest of the space, but also conveys the concept of environmental protection and aesthetics.







失体系列 / 桌子 • 工

主体材料：BTPC, 彩色瓷砖废渣, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yelloww



塑体系列 / 桌子 • 工

主体材料：BTPC, 回收塑料骨料, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



失体系列 / 桌子 • 工

主体材料：BTPC, 彩色瓷砖废渣, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



塑体系列 / 桌子 • 工

主体材料：BTPC, 回收塑料骨料, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



失体系列 / 桌子 • 工

主体材料：BTPC, 彩色瓷砖废渣, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Colored Tile Scrap, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



塑体系列 / 桌子 • 工

主体材料：BTPC, 回收塑料骨料, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



再造系列 / 桌子 • 工

主体材料：BTPC, 建筑红砖废渣, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
主体颜色：灰色 / 白色 / 黑色

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black



塑体系列 / 桌子 • 工

主体材料：BTPC, 回收塑料骨料, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



再造系列 / 桌子 • 工

主体材料：BTPC, 建筑青砖废渣, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
主体颜色：灰色 / 白色 / 黑色

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black



塑体系列 / 桌子 • 工

主体材料：BTPC, 回收塑料骨料, 金属铁板
产品尺寸：Ø1000×h750 mm
产品重量：100 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Table • GONG

Material: BTPC, Ceramic Sand, Byash, Metal
Size: Ø1000×h750 mm
Weight: 100 kg
Colour: Grey/White/Black/Green/Blue/Yellow



应用：成都 街头谱系 到期作废 展览现场



回收固体废弃物桌子・工

RECYCLED SOLID WASTE TABLE・GONG

本土创造以自研可持续混凝土 BTPC 为胶凝，以日用废瓷、建筑瓷砖、建筑废渣、废弃塑料、废弃贝壳等固体废弃物为再生骨料，在原有产品上进行更新迭代，推出工系列桌子，为废弃物的再利用提供了新思路。网格结构，轻巧承重。维持桌面受力强度的同时，又减轻面板 30% 的重量。

BENTU innovation takes self-developed sustainable concrete BTPC as the gel, and solid wastes such as daily waste porcelain, building tiles, building waste residue, waste plastics, and waste shells as the recycled aggregate. The original products are updated and iterated, and I-series tables are introduced, which provides a new idea for the reuse of wastes. Grid structure, lightweight and load-bearing. While maintaining the stress strength of the desktop, it also reduces the weight of the panel by 30%.



回收固体废弃物桌子 • 工

主体材料：BTPC、回收废弃贝壳 / 废弃塑料 / 日用废瓷 / 工业陶粒等、
金属铁（腿）

产品尺寸：Ø700×H750 mm

产品重量：32 kg

使用场景：户外、室内

可选颜色：黑色 / 白色

Table • GONG

Material: BTPC、Recycled discarded shells/waste plastic/
Domestic waste porcelain/Industrial ceramic pellets、

Metal iron(leg)

Size: Ø700×H750 mm

Weight: 32 kg

Usage scenarios: outdoor, indoor

Colour: Black/White







应用：湖北宜昌 农造·治愈所
桌面：回收废弃贝壳 / 牡蛎壳 / 磷石膏、粉煤灰、废瓷沙、BTPC



应用：湖北宜昌 农造·治愈所
桌面：回收废弃贝壳 / 牡蛎壳 / 磷石膏、粉煤灰、废瓷沙、BTPC



回收淤泥陶粒茶几•而 RECYCLED SLUDGE CERAMSITE TEA TABLE•ER

工业陶粒的加入，使得家具呈现一种粗犷而不失精致的工业风格，既有力量感又具备时尚感；不仅是功能性产品，也是艺术品，赋予空间独特的艺术氛围。橙色陶粒作为点缀，带来一抹鲜亮的色彩，充满活力和热情；而深色陶粒则增添了一份深邃与神秘感，与橙色形成强烈的色彩对比，营造出丰富的视觉层次，使家具在空间中脱颖而出。

The addition of industrial ceramsite makes the furniture present a rough and exquisite industrial style, which is both powerful and fashionable. It is not only a functional product, but also a work of art, giving the space a unique artistic atmosphere. As an ornament, orange ceramsite brings a touch of bright color, full of vitality and enthusiasm; The dark ceramsite adds a sense of profundity and mystery, forms a strong color contrast with orange, creates a rich visual level, and makes furniture stand out in the space.



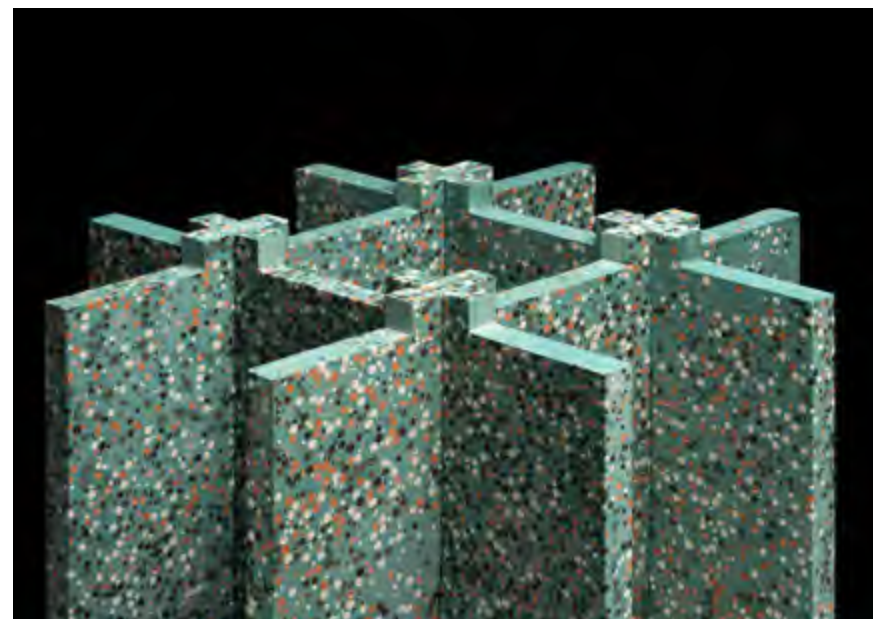
回收淤泥陶粒茶几 • 而

主体材料：BTPC, 工业废弃陶粒, 陶瓷沙, 粉煤灰
产品尺寸：Ø600*H400-600/ Ø1200*H400 mm
使用场景：户外、室内

Recycled sludge ceramic tea table • ER

Material: BTPC, Industrial Waste Ceramsite, Ceramic Sand, Byash
Size: Ø600*H400-600/ Ø1200*H400 mm
Usage scenarios: outdoor, indoor













塑体系列 - 长凳长桌 • 十 BENCH LONG TABLE LIANG • TEN

基础的几何平板构造，以及极其纯粹的组装结构，是对再生混凝土的力学性能的又一次尝试，改变骨料的利用方式，提高废弃物的利用率和生产速度，探讨兼具艺术性与实用性的拼装式家具发展可能。我们以 35% 的回收塑料作为骨料与调配的高性能混凝土进行搅拌生产。长凳表面经研磨抛光而成，高饱和的蓝、绿、黄混凝土与回收塑料颗粒随机颗粒产生碰撞，回收塑料颗粒随意散落，色彩自由分布，大尺度的体量，自由的张力将其融入公共空间。

The geometric flat structure of the foundation and the extremely pure assembly structure are another attempt to the mechanical properties of recycled concrete, changing the utilization mode of aggregate, improving the utilization rate and production speed of waste, and exploring the development possibility of assembled furniture with both artistry and practicality. We use 35% recycled plastic as aggregate to mix with high performance concrete for production. The surface of the bench is ground and polished, and the highly saturated blue, green and yellow concrete collides with the random particles of recycled plastic particles, and the recycled plastic particles are scattered at will, with free color distribution, large-scale mass and free tension, and are integrated into the public space.

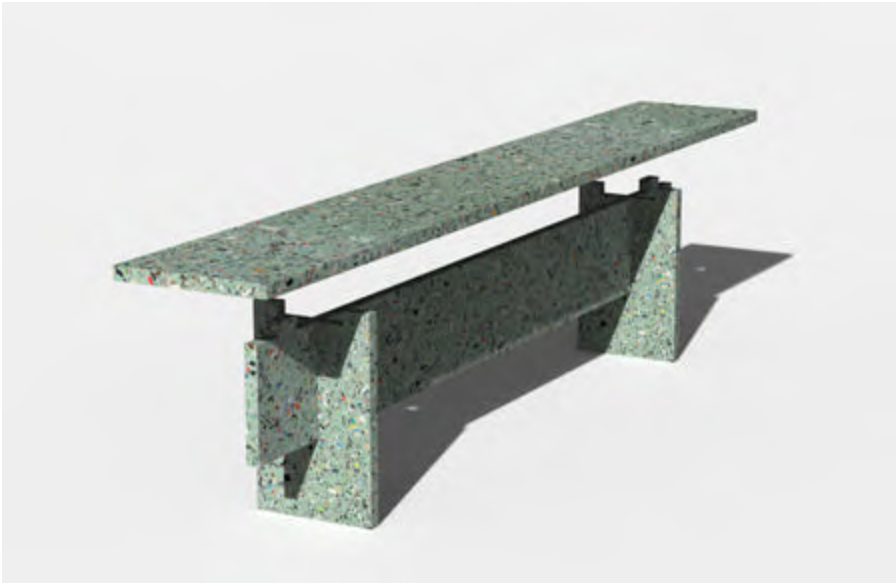


塑体系列 / 长凳长桌 • 十

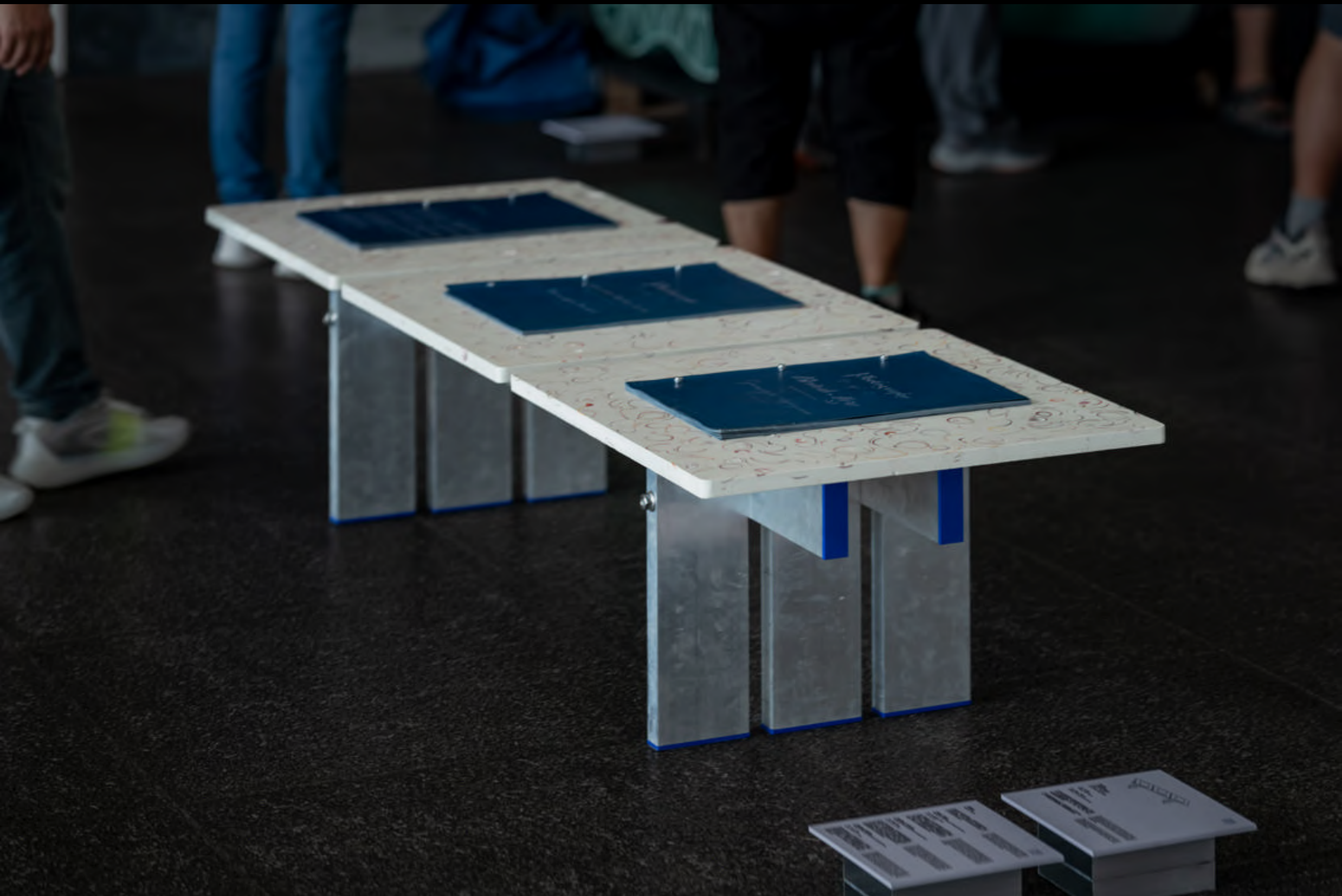
材料构成：BTPC, 陶瓷沙, 粉煤灰, 回收塑料骨料
产品尺寸：凳 /2400*350*h455 桌 /2400*800*h750 mm
产品重量：108/ 196 kg
可选颜色：灰 / 白 / 黑 / 绿 / 蓝 / 黄

Plastic body/Bench Long Table • TEN

Material: BTPC, Ceramic Sand, Flyash, Recycled Plastic Waste
Size: 2400*350*h455 /2400*800*h750 mm
Weight: 108/ 196 kg
Colour: Grey/White/Black/Green/Blue/Yellow







回收废弃彩贝壳再造铝型材家具

材料：回收废弃彩贝壳 + 回收铝

尺寸：可定制

RECYCLING WASTE COLORED SHELLS AND RECONSTRUCTING ALUMINUM PROFILE FURNITURE

Material: recycled colored shells+recycled aluminum.

Size: customized





回收废弃口罩再造铝型材家具

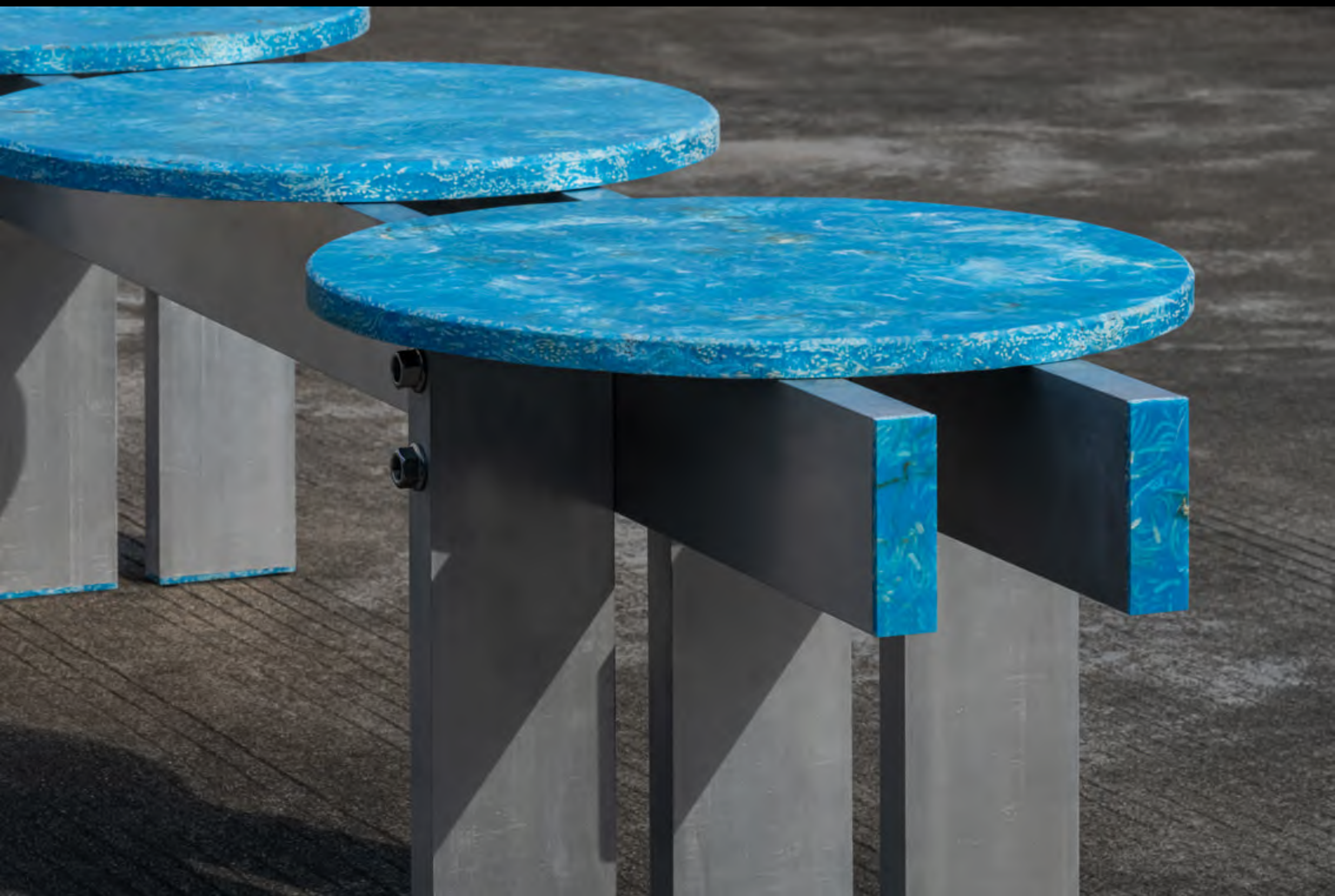
材料：回收废弃口罩 + 回收铝

尺寸：可定制

RECYCLING DISCARDED MASKS AND RECONSTRUCTING ALUMINUM PROFILE FURNITURE

Material: recycled masks+recycled aluminum.

Size: customized







回收椰子木渔网再造铝型材家具

材料：回收椰子木、渔网 + 回收铝

尺寸：定制

RECYCLING COCONUT WOOD FISHING NET AND REBUILDING ALUMINUM PROFILE FURNITURE

Materials: recycled coconut wood, fishing net+recycled aluminum.

Size: customized



收纳盘 · 六

主体材料：BTPC、潮州日用陶瓷沙、活性硅粉粉煤灰、高分子材料
产品尺寸：207×180×H37 mm
产品重量：0.65 /0.62/0.56 kg

Storage Tray · LIU

Material: BTPC, Chaozhou daily ceramic sand, activated silica powder
By ash, polymer materials
Size: 207×180×H37 mm
Weight: 0.65 /0.62/0.56 kg

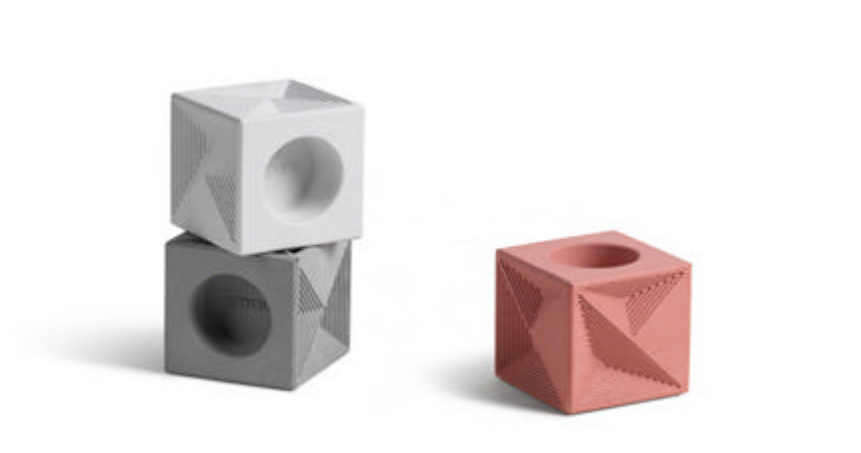
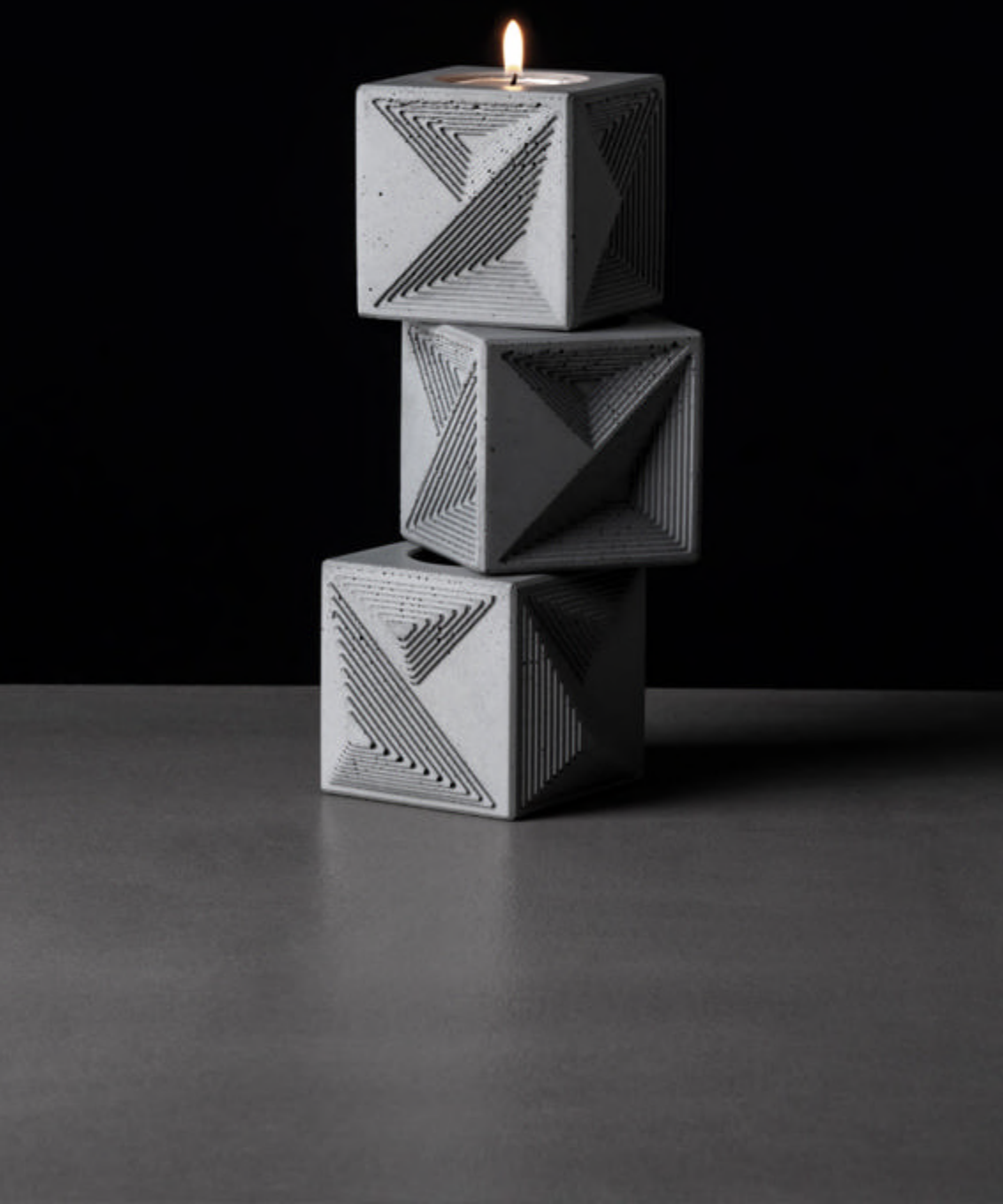
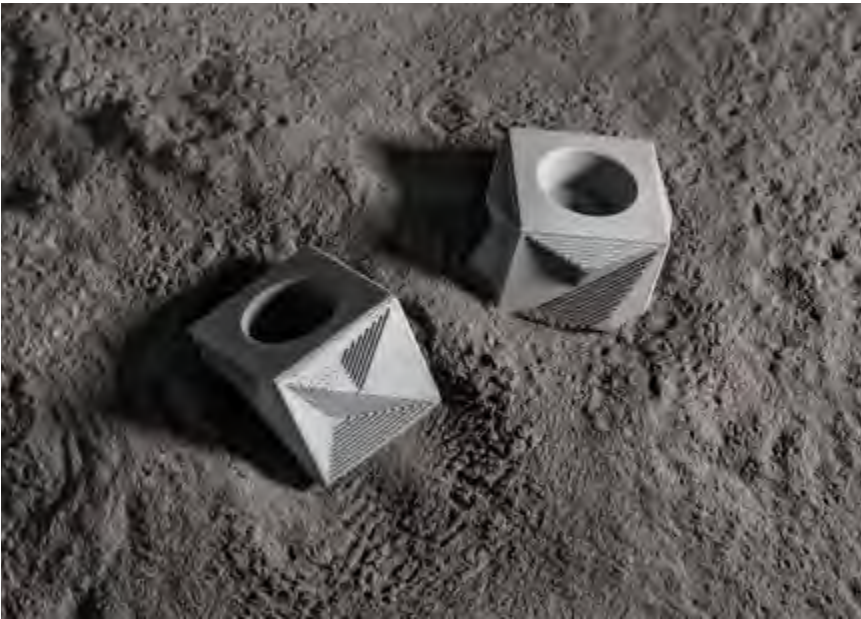


蜡烛台 • 同

主体材料：BTPC、潮州日用陶瓷沙、活性硅粉粉煤灰、高分子材料
产品尺寸：85*85*H66/ 65*65*H66 mm

Candle Holder • TONG

Material: BTPC, Chaozhou daily ceramic sand, activated silica powder
By ash, polymer materials



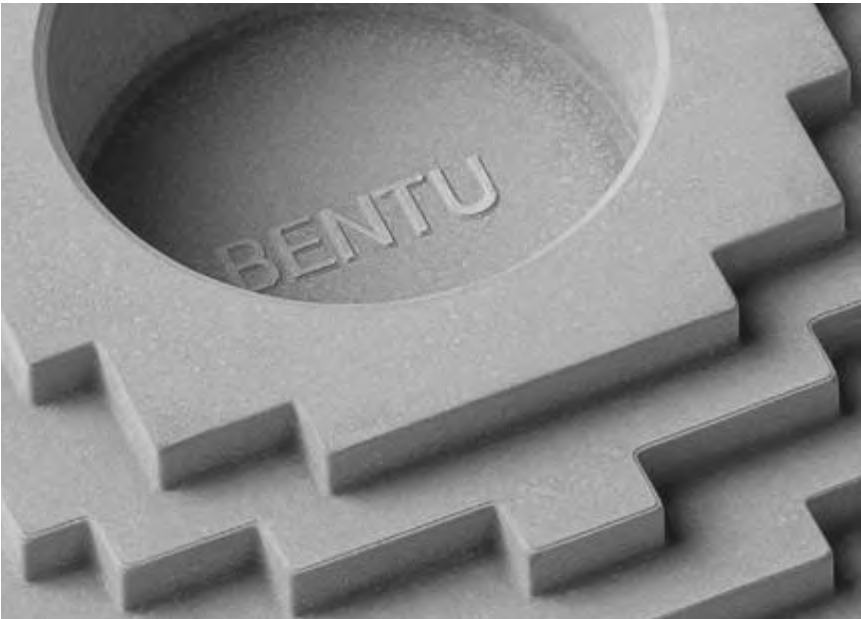


蜡烛台 · 云

主体材料：BTPC、潮州日用陶瓷沙、活性硅粉粉煤灰、高分子材料
产品尺寸：Ø140*H36 mm

Candle Holder · YUN

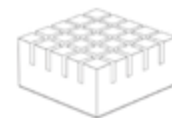
Material: BTPC, Chaozhou daily ceramic sand, activated silica powder
By ash, polymer materials
Size: Ø140*H36 mm





井

JING



笔插 / 名片夹 • 井

主体材料：BTPC、潮州日用陶瓷沙、活性硅粉粉煤灰、高分子材料

产品尺寸：100×100×H50 mm

产品重量：0.8 kg

Card Holder / Pen Stand • JING

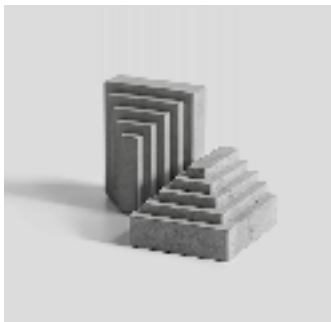
Material: BTPC, Chaozhou daily ceramic sand, activated silica powder By ash, polymer materials

Size: 100×100×H50 mm

Weight: 0.8 kg

门

MEN



书靠 • 门

主体材料：BTPC、潮州日用陶瓷沙、活性硅粉粉煤灰、
高分子材料
产品尺寸：100×120×H70 mm
产品重量：2.2 kg

Bookend • MEN

Material: BTPC, Chaozhou daily ceramic sand, activated
silica powder By ash, polymer materials
Size: 100×120×H70 mm
Weight: 2.2 kg





HUI



收纳托盘 • 回系列

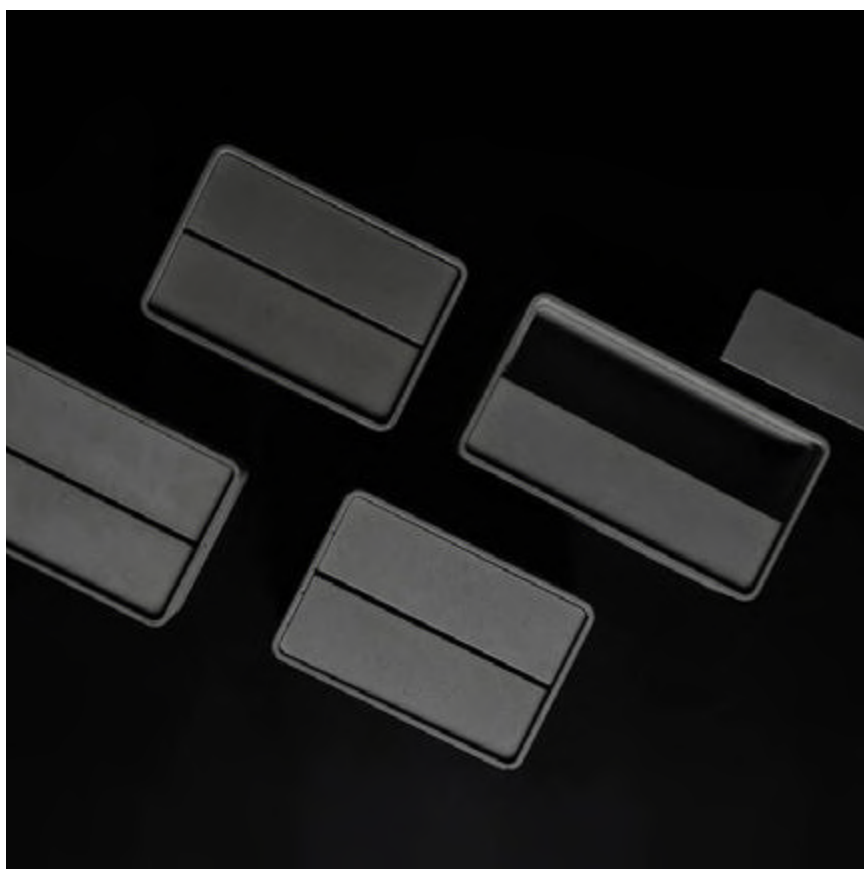
主体材质：BTPC、潮州日用陶瓷沙、活性硅粉煤灰、
高分子材料
产品尺寸：S: 245×110×H14 mm / L: 325×180×H14 mm
产品重量：0.6 kg / 1.2 kg

Storage Tray • Hui Series

Material: BTPC, Chaozhou daily ceramic sand, activated
silica powder fly ash, polymer materials
Size: S: 245×110×H14 mm / L: 325×180×H14 mm
Weight: 0.6 kg / 1.2 kg



HUI



抽纸盒 • 回系列

主体材质：BTPC、潮州日用陶瓷沙、活性硅粉粉煤灰、
高分子材料、金属
产品尺寸：M: 185×125×H92/ L : 230×125×H72 mm
产品重量：1.4 kg / 1.4 kg

Tissue Box • Hui Series

Material: BTPC, Chaozhou daily ceramic sand, activated
silica powder fly ash, polymer materials, metal
Size: M: 185×125×H92/ L : 230×125×H72 mm
Weight: 1.4 kg / 1.4 kg

08

回收石材废渣系列 RECYCLED STONE WASTE SERIES

本土创造『回收石材废渣系列』，骨料源自云浮——世界最大的石材加工基地之一。依托传统石材产业的庞大采量和低廉造价，水磨石一度获得快速发展，成为细分产业。

Recycled Stone Waste Series regenerates the material originated from Yunfu, China, one of the world's largest stone processing industrial bases. Relying on the large amount of traditional stone industries, Terrazzo once achieved a rapid development and became a subdivision industry in China.

细碎斑斓的花纹作为本土化的一种特征，不仅是对上世纪中国日常生活的朴素描述，还见证着在经济全球化与科技发展冲击下的今天，陈旧的石材生产系统乃至当中每个个体的挣扎求存。

The fine and beautiful patterns of terrazzo, one of the features of localization, has not only described the mediocre life took place in China before the 1980s, but also witnessed every individual in this old stone production system struggle to survive under the impact of economic globalization and development of science and technology.

本土创造尝试回归水磨石在中国最原始、最深刻的形态，以现代设计思维重新定义水磨石工艺，进行量产化升级，生产出符合大众日常生活美学的产品，这种尝试是否又能为陈旧的石材产业链带来一些创新与活力。

Bentu tries to get into everyday life with rational design by returning to the most primitive and profound form of terrazzo in China and redefining the manufacture technique with modern design. When achieving the mass production that meets the daily need and aesthetic style of modern life, we desire to see whether this kind of attempt bring in any innovation and vitality to this old system again.

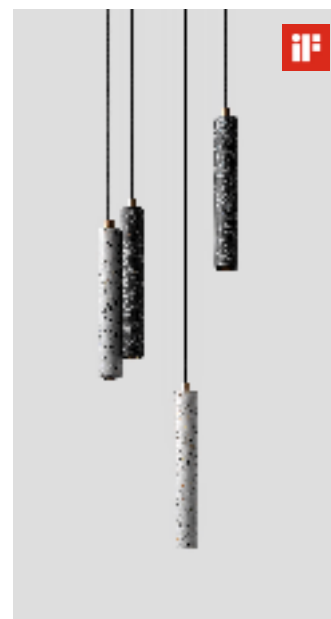




回收石材废渣吊灯・棒 RECYCLE STONE WASTE PENDENT LAMP ・BANG

“棒”灯荣获 2017 年德国 IF 设计奖。石材废渣被搅拌成细碎的黑白颗粒，均匀散布在灯身表面，呈现出气质迥异的当代感。水磨石的肌理与金色的铜质配件混合搭配。

"BANG" lamp won the German IF Design Award in 2017. Stone waste residue is stirred into finely divided black and white particles, which are evenly distributed on the surface of the lamp body, showing a contemporary sense of different temperament. The texture of terrazzo is mixed with golden copper fittings.



回收石材废渣吊灯·棒

主体材料：BTPC, 石材边角料骨料, 铜
产品尺寸：Ø45×H310 mm
产品重量：1.2 kg
电线规格：黑色, 3 米
光源类型：G9 LED
色温范围：3000 K
额定功率：2 W
额定电压：220-240 V
主体颜色：黑色 / 白色

Pendant Lamp • BANG

Material: BTPC, Leftover Stone Aggregate, Copper
Size: Ø45×H310 mm
Weight: 1.2 kg
Cord: Black, 3 m
Light Source: G9 LED
Colour Temperature: 3000 K
Wattage: 2 W
Voltage: 220-240 V
Colour: Black / White



回收石材废渣吊灯・金 RECYCLE STONE WASTE PENDENT LAMP・JIN

白中缀黑，清新别致；黑中点白，神秘巧妙。细腻斑驳的水磨石肌理跃然于上，为沉稳内敛的经典外型注入灵动气息。亮灯时，简洁的线条愈加分明利落，非黑即白的刻板与清冷此时被灯光调适得柔和而温润。黑白基调化繁为简，满足照明功能的同时，令装饰重点和视觉聚焦回归空间本身，与日常同化，融入各类空间。

White with black, fresh and chic; Black and white, mysterious and ingenious. The delicate and mottled terrazzo texture is vividly on the floor, injecting a smart atmosphere into the calm and restrained classic appearance. When the lights are on, the simple lines become more distinct and neat, and the black-and-white rigidity and coldness are adjusted to be soft and moist by the lights. Black-and-white tone simplifies the complex and satisfies the lighting function, and at the same time, makes the decoration focus and visual focus return to the space itself, assimilate with daily life and blend into various spaces.

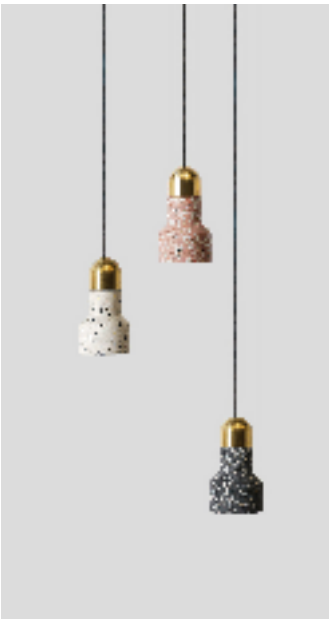


回收石材废渣吊灯·金

主体材料：BTPC, 石材边角料骨料, 铜
产品尺寸：Ø180×H210 mm
产品重量：1.7 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V
主体颜色：黑色 / 白色

Pendant Lamp • JIN

Material: BTPC, Leftover Stone Aggregate, Copper
Size: Ø180×H210 mm
Weight: 1.7 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V
Colour: Black / White



回收石材废渣吊灯 • 且 / 凸

主体材料：BTPC, 石材边角料骨料, 铜
产品尺寸：Ø92×H168 /Ø96 × H104 mm
产品重量：1.1 kg/ 0.9 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V
主体颜色：黑色 / 白色 / 粉色

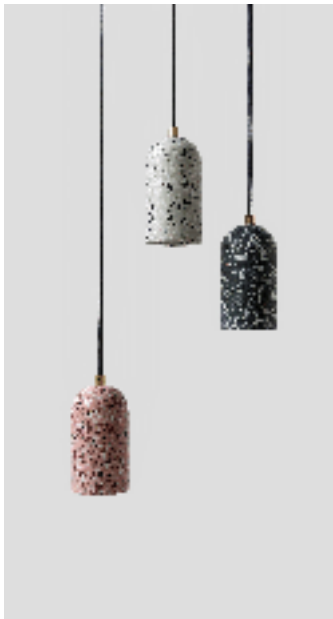
Pendant Lamp • QIE/TU

Material: BTPC, Leftover Stone Aggregate, Copper
Size: Ø92×H168 mm
Weight: 1.1 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V
Colour: Black / White / Pink



铮亮的黄铜配件为水磨石体块嵌入一丝摩登韵味。灯口直径小于96mm，小体量弱化对空间的干扰，简洁流畅的造型线条让斑斓的水磨石更灵活地适配各类空间。当吊灯解放了对空间装饰的主导，更加营造出宽阔通透的环境体验。

Polished brass fittings embed a touch of modern charm into terrazzo blocks. The diameter of the lamp mouth is less than 96mm, which weakens the interference to the space, and the simple and smooth modeling lines make the colorful terrazzo more flexible to adapt to all kinds of spaces. When the chandelier liberates the dominance of space decoration, it creates a wide and transparent environmental experience.



回收石材废渣吊灯 · U

主体材料：BTPC, 石材边角料骨料, 铜
产品尺寸：Ø96×H185 mm
产品重量：1.6 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V
主体颜色：黑色 / 白色 / 粉色

Pendant Lamp · U

Material: BTPC, Leftover Stone Aggregate, Copper
Size: Ø96×H185 mm
Weight: 1.6 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V
Colour: Black / White / Pink





模拟行星形态，“星”吊灯使用水磨石面板作为星环，加厚钢化玻璃灯泡为核心。巧妙的镶嵌结构使得灯环能近乎 360 度地自由调整，为使用者营造出寂静宇宙中漂浮的静谧氛围。同时也是建筑材料在灯具上的新延展。

Simulating the planet shape, the "planet" chandelier uses terrazzo panel as the star ring and thickened toughened glass bulb as the core. The ingenious mosaic structure enables the light ring to be freely adjusted nearly 360 degrees, creating a quiet atmosphere floating in the silent universe for users. At the same time, it is also a new extension of building materials on lamps.



回收石材废渣吊灯·星

主体材料：BTPC, 石材边角料骨料
产品尺寸：Ø450 × H155 mm
产品重量：3.2 kg
电线规格：3 米
光源类型：G4 LED
光源色温：3000 K
额定功率：2 W
额定电压：220-240 V
主体颜色：黑色 / 白色 / 粉色

Pendant Lamp • PLANT

Material: BTPC,
Leftover Stone Aggregate
Size: Ø450×H155 mm
Weight: 3.2 kg
Cord: 3 m
Light Source: G4 LED
Colour Temperature: 3000 K
Wattage: 2 W
Voltage: 220-240 V
Colour: Black / White / Pink



惯常用于建筑地板或表皮的水磨石，体厚质重。本土创造运用超高性能混凝土（UHPC），将厚重的体积感量化为平而薄的水磨石灯片，组合为形态轻巧的吊灯。水磨石灯片以三维拼合包裹光源，光线沿边倾泻。高低错落的平行线条更显利落，与光同影，呈现和谐而强烈的几何美感。

Terrazzo, which is usually used for building floors or skins, is thick and heavy. The local creation uses ultra-high performance concrete (UHPC), which quantifies the heavy sense of volume into flat and thin terrazzo lamps and combines them into light chandeliers. The terrazzo lamp piece wraps the light source in three dimensions, and the light pours along the edge. The high and low parallel lines are more neat, in the same shadow as the light, showing a harmonious and strong geometric beauty.



回收石材废渣吊灯·片

主体材料：BTPC, 石材边角料骨料, 铜
产品尺寸：177×163×H532 mm
产品重量：3.4 kg
电线规格：黑色, 3 米
光源类型：E27 LED
色温范围：2700-3000 K
额定功率：3 W
额定电压：100-240 V
主体颜色：黑色 / 白色 / 粉色

Pendant Lamp • PIECE

Material: BTPC, Leftover Stone Aggregate, Copper
Size: 177×163×H532 mm
Weight: 3.4 kg
Cord: Black, 3 m
Light Source: E27 LED
Colour Temperature: 2700-3000 K
Wattage: 3 W
Voltage: 100-240 V
Colour: Black / White / Pink





传统的水磨石产品相对笨重且一体化制作；本土创造尝试挑战水磨石工艺的轻量化、流程化等工艺极限，以独特的片状组合成灯饰产品，保留水磨石肌理质感的同时减轻其重量。确保石材边角料能被均匀地截取横截面，使得水磨石墙砖表面颗粒大小对比自由，触感细腻平滑，气孔自然散布。

Traditional terrazzo products are relatively bulky and integrated; Local creation attempts to challenge the technological limits of lightweight and streamline terrazzo technology, and combines unique Bakes into lighting products, retaining the texture and texture of terrazzo while reducing its weight. Ensure that the stone scraps can be evenly cut off in cross section, so that the particle size on the surface of terrazzo wall tiles is free to compare, the touch is Pne and smooth, and the pores are naturally scattered.



回收石材废渣户外壁灯 · 品

主体材料：BTPC, 石材边角料骨料
产品尺寸：S: Ø160×H42 / L: Ø260×H60 mm
产品重量：0.7 kg / 1.4 kg
电线规格：黑色, 0.9 米
光源类型：AC LED
色温范围：3000 K
额定功率：3 W
额定电压：220-240 V
防水级别：IP65

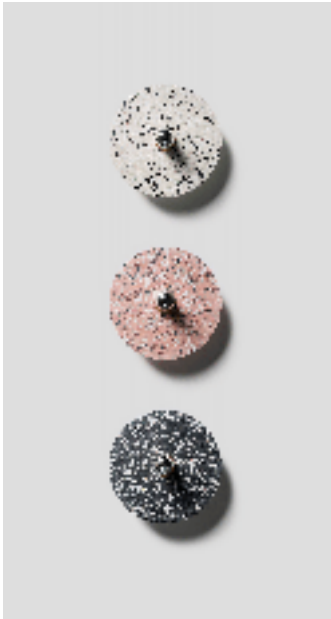
Wall Lamp • PIN (Outdoor)

Material: BTPC, Leftover Stone Aggregate
Size: S: Ø160×H42 mm / L: Ø260×H60 mm
Weight: 0.7 / 1.4 kg
Cord: Black, 0.9 m
Light Source: AC LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220-240 V
Waterproof rating: IP65



废弃材料正以兼具日常化与时尚感的崭新面貌回归到当代社会，在最大化其商业价值与环保意义的同时，以材质再生融入日常。石材边角料与混凝土的随机结合，造就了光影间精致的错落。线条硬朗的水磨石灯盘，在光源照耀之下色暖温和，刚柔并济，极致静谧。

Waste materials are returning to the contemporary society with a brand-new look of daily life and fashion sense. While maximizing their commercial value and environmental protection significance, they are recycled into daily life. The random combination of stone scraps and concrete creates a delicate patchwork between light and shadow. The terrazzo lamp panel with tough lines is warm and gentle in color under the light source, combining rigidity with softness, and extremely quiet.



回收石材废渣壁灯·古

主体材料：BTPC, 石材边角料骨料, 铝
产品尺寸：Ø278×H135 mm
产品重量：1.1 kg
电线规格：0.05 米
光源类型：E27 LED
光源色温：3000 K
额定功率：3 W
额定电压：220 V
主体颜色：黑色 / 白色 / 粉色

Wall Lamp • GU

Material: BTPC, Leftover Stone Aggregate
Size: Ø278×H135 mm
Weight: 1.1 kg
Cord: 0.05 m
Light Source: E27 LED
Colour Temperature: 3000 K
Wattage: 3 W
Voltage: 220 V
Colour: Black / White / Pink

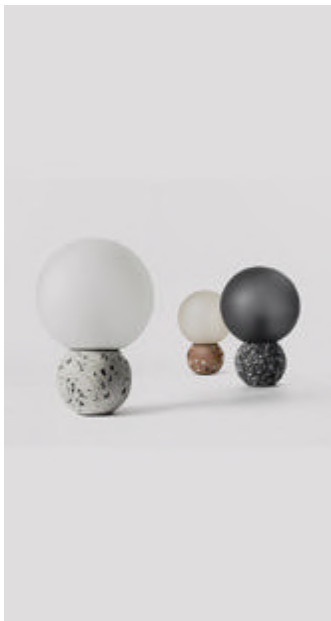




回收石材废渣灯具 / 家具 • 8 RECYCLE STONE WASTE LAMPS/FURNITURE • 8

以圆形塑切割石材垃圾废料，让它归于生活的平和中庸，是一种物的循环圆满。充分利用珠三角地区日趋精益的机械加工技术，以产品系统挑战精细化、机械化程度更高的生产模式，探讨石材『垃圾』与产业接驳的稳定闭环。而作为设计产品，整个系列造型简单漂亮，高吻合、耐耗的产品部件，并非多此一举的水磨石棱边折角，材料上一贯用心的自然质感与抗污耐撞性能，功夫全落在细节处。

Cutting stone waste with round plastic, making it belong to the peace and moderation of life, is a complete cycle of things. Make full use of the increasingly lean machining technology in the Pearl River Delta region, challenge the rePned and more mechanized production mode with the product system, and explore the stable closed loop of the connection between stone "garbage" and industry. As a design product, the whole series of products with simple and beautiful shapes, high consistency and wear resistance are not redundant terrazzo edges and corners, but the natural texture and anti-pollution and anti-collision performance of the materials have always been carefully studied, and the efforts are all in the details.



回收石材废渣台灯 · 8

主体材料：BTPC, 石材边角料骨料, 玻璃
产品尺寸：Ø200×H295 mm
产品重量：4 kg
电线规格：黑色, 1.7 米
光源类型：E27 LED
色温范围：2700 K
额定功率：3 W
额定电压：220-240 V
主体颜色：黑色 / 白色 / 偏土红色

Table Lamp · 8

Material: BTPC, Leftover Stone Aggregate, Glass
Size: Ø200×H295 mm
Weight: 4 kg
Cord: Black, 1.7 m
Light Source: E27 LED
Colour Temperature: 2700 K
Wattage: 3 W
Voltage: 220-240 V
Colour: Black / White / Earthy Red



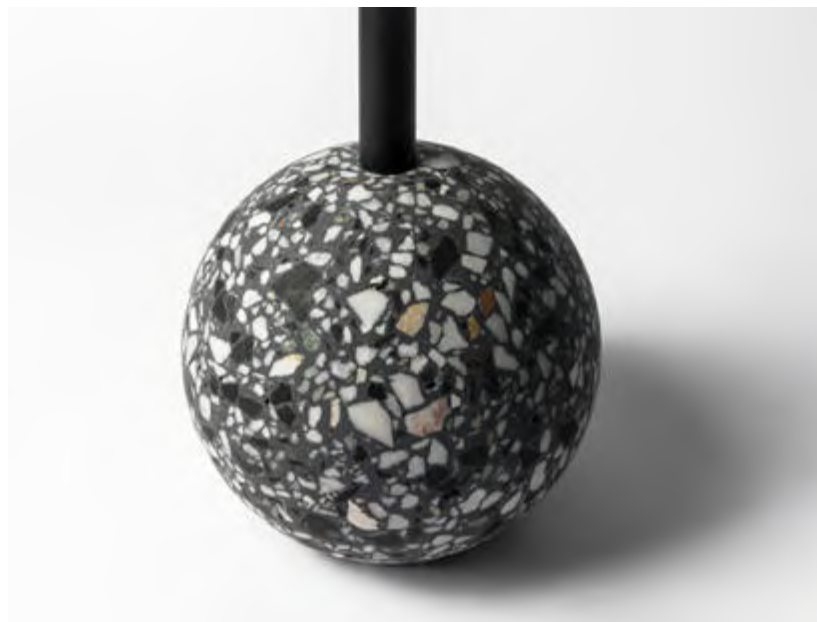


回收石材废渣落地灯 • 8

主体材料：BTPC, 石材边角料骨料, 玻璃, 铝
产品尺寸：Ø200×H1770 mm
产品重量：19 kg
电线规格：黑色, 2.8 米
光源类型：E27 LED
色温范围：2700 K
额定功率：3 W
额定电压：220-240 V
主体颜色：黑色

Floor Lamp • 8

Material: BTPC, Leftover Stone Aggregate, Glass, Aluminum
Size: Ø200×H1770 mm
Weight: 19 kg
Cord: Black, 2.8 m
Light Source: E27 LED
Colour Temperature: 2700 K
Wattage: 3 W
Voltage: 220-240 V
Colour: Black



回收石材废渣衣帽架 · 8

主体材料：BTPC, 石材边角料骨料, 铝
产品尺寸：Ø230×H1750 mm
产品重量：17.5 kg
底座颜色：黑色
配件颜色：黑色

Floor Lamp · 8

Material: BTPC, Leftover Stone
Aggregate, Aluminum
Size: Ø230×H1750 mm
Weight: 17.5 kg
Base Colour: Black
Accessory Colour: Black



回收石材废渣茶几 • 8

主体材料：BTPC, 石材边角料骨料
产品尺寸：Ø500×H503 mm
产品重量：31.5 kg
主体颜色：白色

Side Table • 8

Material: BTPC, Leftover Stone Aggregate
Size: Ø500×H503 mm
Weight: 31.5 kg
Colour: White

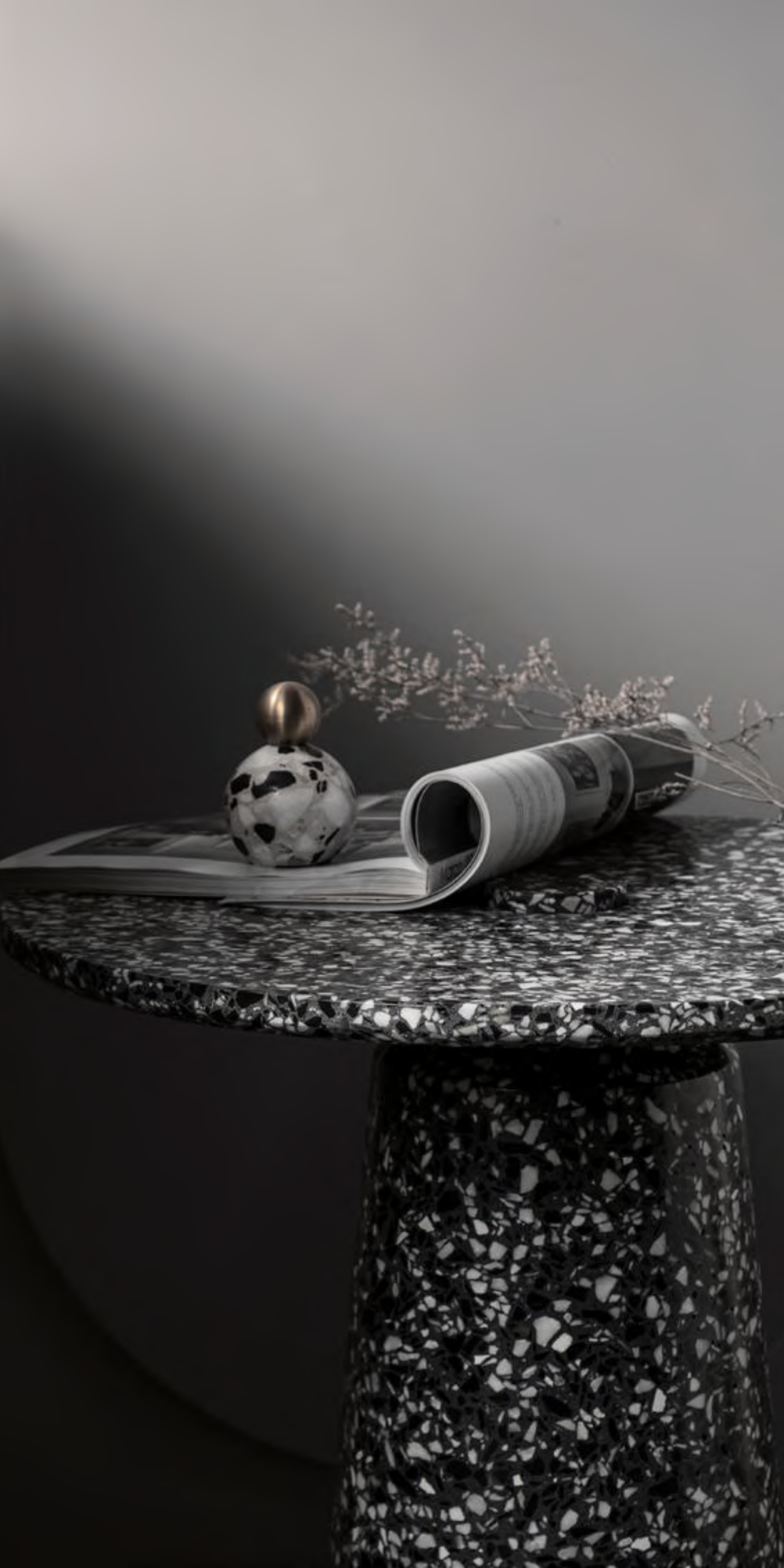


回收石材废渣茶几 • 8

主体材料：BTPC, 石材边角料骨料
产品尺寸：Ø500×H503 mm
产品重量：31.5 kg
主体颜色：黑色

Side Table • 8

Material: BTPC, Leftover Stone Aggregate
Size: Ø500×H503 mm
Weight: 31.5 kg
Colour: Black





回收石材废渣吧凳・平 RECYCLE STONE WASTE BAR STOOL ・PING

让石材再生边角料以水磨石的形式，与记忆中熟悉的形象重新组合。从水磨石座面到金属腿部保持优雅流畅的圆，对称而恒定，一如你我的日常。柔和的曲线赋予原本硬朗的水磨石材料一种视觉上的柔软，斜收的凳面边缘与简洁收敛的腿部结构进一步消减石材的厚重。黑白两种配色选择，给予厨房、咖啡厅、酒吧一种新的视觉可能。

Let the recycled stone scraps recombine with the familiar images in memory in the form of terrazzo. Keep an elegant and smooth circle from the terrazzo seat surface to the metal leg, which is symmetrical and constant, just like your daily life and mine. The soft curve endows the original tough terrazzo material with a kind of visual softness, and the oblique edge of the stool surface and the concise and convergent leg structure further reduce the massiness of the stone. The choice of black and white color matching gives kitchens, cafes and bars a new visual possibility.



回收石材废渣吧凳 • 平

主体材料：BTPC, 石材边角料骨料, 金属
产品尺寸：Ø540×H740 mm (凳面直径 Ø400 mm)
产品重量：13.5 kg
凳面颜色：黑色 / 白色

Bar Stool • PING

Material: BTPC, Leftover Stone Aggregate, metal
Size: Ø540×H740 mm (Seat Size: Ø400 mm)
Weight: 13.5 kg
Colour: Black/ White



工系列，改变废渣骨料的置入方式，提高废渣利用率和生产速度；底部网格构造深化细节，减轻整体重量；而高性能混凝土的加入，确保面板薄至 15mm 仍然坚韧。可组合搭配，构成咖啡桌、边几、餐桌等功能桌，满足不同场景需求，简约的结构让水磨石更好地融入商业空间中。

"GONG" series, change the placement mode of waste residue aggregate, improve the utilization rate of waste residue and production speed; The bottom grid structure deepens the details and reduces the overall weight; The addition of high performance concrete ensures that the panel is as thin as 15mm and still tough. Can be combined and matched to form a coffee table, a side table, a dining table and other functional tables to meet the needs of different scenes, and the simple structure allows terrazzo to better integrate into the commercial space.



回收石材废渣方桌 · 工

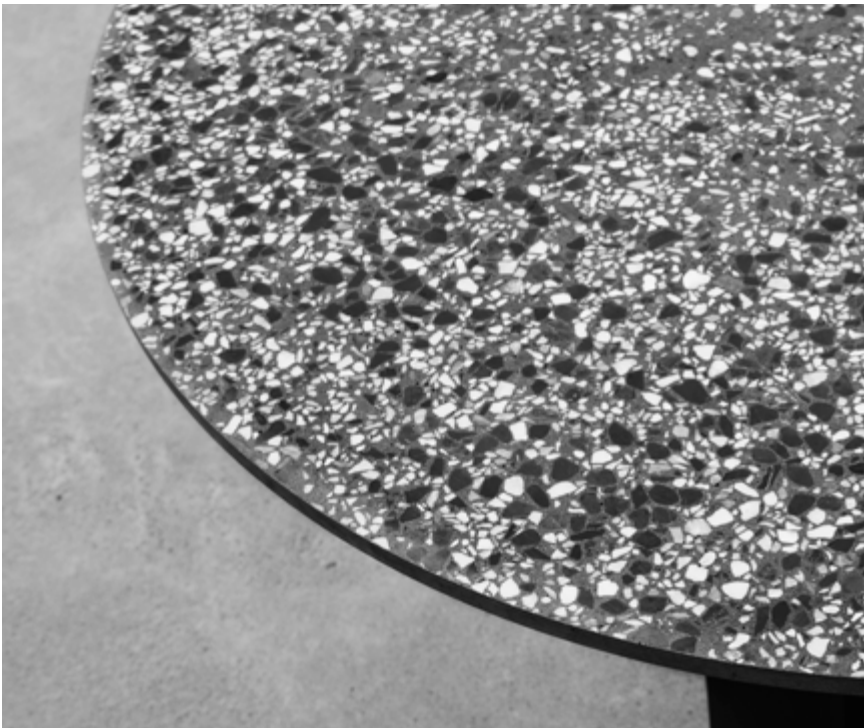
主体材料：BTPC，建筑回收废渣骨料，烤漆金属
产品尺寸：Ø500×H750/600×600×H750/Ø700×H750 mm
产品重量：16.5/24/32 kg
可选颜色：黑色 / 白色

Table • GONG

Material: BTPC, Leftover Stone Aggregate, metal
Size: Ø500×H750/600×600×H750/Ø700×H750 mm
Weight: 16.5/24/32 kg
Colour: Black/White



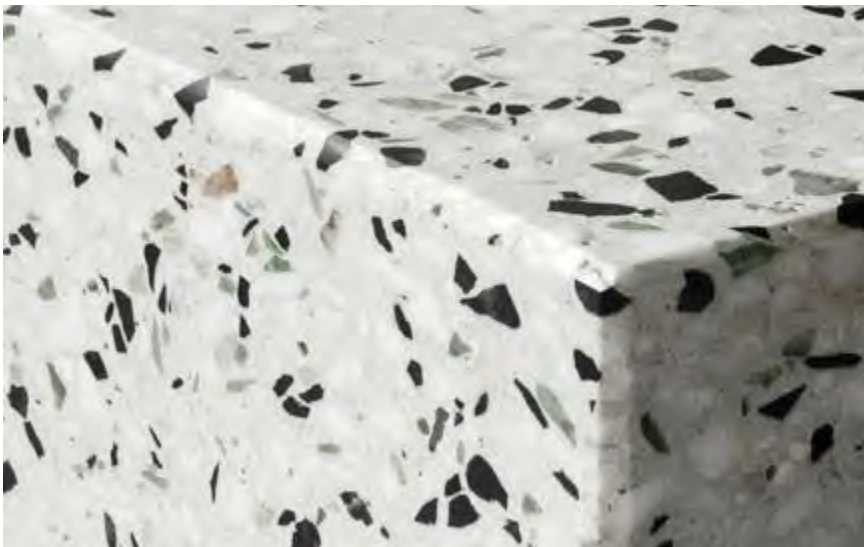
项目应用：喜茶（HEYTEA）
空间设计：Leaping Creative 立品设计
空间摄影：汪敏杰



回收石材废渣圆桌 · 工
主体材料：BTPC, 石材边角料骨料, 烤漆金属
产品尺寸：Ø1000×H750 mm
产品重量：85 kg
主体颜色：黑色 / 白色

Table • GONG
Material: BTPC, Leftover Stone Aggregate, Metal
Size: Ø1000×H750 mm
Weight: 85 kg
Colour: Black/White





废弃的石材边角料与混凝土融合，焕发材料的新生命，与时间对抗，变成你我的日常器物。表面处理使用了氟碳粉末喷涂，致密表面抵御油污，紫外线的抵抗能力防护不褪色，适合室内外空间使用。全铝精密加工，部件均可拆卸，减少包装体积，降低运输成本。

The waste stone scraps are mixed with concrete, which gives new life to the material, confronts time and becomes our daily utensils. The surface treatment uses fluorocarbon powder spraying, and the dense surface is resistant to oil pollution, and the ultraviolet resistance does not fade, so it is suitable for indoor and outdoor space. All-aluminum precision machining, all parts can be disassembled, reducing packaging volume and transportation cost.



回收石材废渣圆几 / 边桌 • 丁

主体材料：BTPC, 石材边角料骨料, 铝
产品尺寸：Ø600×H440/Ø450×H450/Ø450×H600mm
产品重量：22/ 14/ 15 kg
桌面颜色：黑色 / 白色

Side Table • DING

Material: BTPC, Leftover Stone Aggregate, Aluminium
Size: Ø600×H440/Ø450×H450/Ø450×H600mm
Weight: 22/ 14/ 15 kg
Colour: Black/White



