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Professional, Quality, efficiency and innovation

专业地坪材料一体化服务商

PROFESSIONAL INTEGRATED
SERVICE PROVIDER FOR FLOORING MATERIALS

SOWER

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SOWER (CHINA)
硕尔(中国)涂料有限公司



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- ◎以品质求生存
- ◎以创新谋发展
- ◎以服务赢客户
- ◎ SURVIVE WITH QUALITY
- ◎ INNOVATION FOR DEVELOPMENT
- ◎ WIN CUSTOMERS WITH SERVICE

地坪工程体系手册

MANUAL OF FLOOR
ENGINEERING SYSTEM

ABOUT US

关于我们



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国际顶级涂料品牌硕尔 (SOWER) 涂料, 创于20世纪二十年代, 迄今已逾百年历史。

20世纪二十年代, 创始人硕尔 (SOWER) 于英国EDINBURGH (爱丁堡) 开了他的店铺。创始人硕尔 (SOWER) 先生沿袭了欧洲文艺复兴时期的艺术气息与雕刻家工匠的匠心独运。从英国的爱丁堡到意大利的佛罗伦萨, 他在寻找带着灵感的建筑涂饰。从米开朗基罗的绘画作品中寻找色彩的原素, 从多那泰罗的作品中寻找艺术的精髓, 奠定了硕尔 (SOWER) 涂料的优越与众不同的品牌价值!

创始人硕尔 (SOWER) 独辟蹊径将色彩创作艺术融入涂料制作, 一改传统涂料的刻板单调, 风格上的迥异, 硕尔 (SOWER) 涂料在建筑涂层上展现出艺术价值引起皇室成员的关注, 被纳为英皇室优选。

2020年硕尔 (SOWER) 开始在中国投资建设, 拥有从英国等地引进的技术先进的实验检测生产设备, 将品牌自有的英式文化基因与中国传统美学相结合, 始终将建筑外立面与内墙饰面艺术风格多样化作为涂料产品设计理念; 始终致力于打造功能性与艺术性相结合的品牌价值; 始终延续着服务英国皇室所秉承的格调, 融入对每位中国客户应用场景的精心设计施工。

硕尔 (SOWER) 负责产品技术研发应用, 硕尔 (SOWER) 中国公司负责产品推广设计施工。面对中国广袤市场, 硕尔 (SOWER) 采用中心驱动外延战略手段, 营销渠道依托于国家区域中心城市, 并向其他城市辐射, 而今已建立起稳固的经销渠道。设置了以广州为中心的华南大区、以北京为中心的华北大区、以武汉为中心的华中大区, 以成都为中心的西南大区, 并向周边城市延伸。

硕尔 (SOWER) 涂料将多功能树脂作为基础应用开发端, 主要发展了诸如高性能聚氨酯、PMMA树脂、双马来酞亚胺树脂、特种异氰酸酯、脂肪族异氰酸酯和丙烯酸树脂, FEP、高性能硅树脂等特种材料。以此为依托, 重塑了整个建筑涂料体系, 包括各种质感内外墙涂料体系, 如乳胶漆、氟碳漆、真石漆、水包水、水包砂等产品系列; 同时推动了地坪体系涂料快速走向工业5.0体系, 在无溶剂硅树脂领域, 替代了传统的环氧树脂体系, 重塑了磨石体系及功能性地坪涂料体系。

在工业建筑领域, 硕尔 (SOWER) 涂料主攻地坪系统, 从高性能树脂体系材料, 到功能型应用涂料, 如防静电、防腐蚀、防渗、防爆地坪等系统的开发应用。

在公共建筑领域, 硕尔 (SOWER) 涂料旨在为客户提供绿色、环保、艺术、人文、个性的差异化产品体系。从具有艺术特色的墙地一体的磨石系统、可擦洗耐污的墙面涂料到硅树脂、改性氟树脂为主材的新型地坪材料系统, 以解决传统地坪起皮、开裂、空鼓、使用寿命短等缺陷。

在民用建筑领域, 硕尔 (SOWER) 涂料主攻内外墙涂料, 以欧盟标准打造, 采用全新净味创新技术, 气味清新自然。源于英国的质优高纯度乳液, 形成致密漆膜, 具有耐擦洗性能, 墙面污渍更易清洁, 能长效防霉。

硕尔涂料品牌真诚愿与海内外客户共发展, 牵手为美化人类环境, 为保护绿色家园而贡献自己的力量, 愿所有志同道合的企业, 社会精英人士与我们一起努力!

The international top paint brand SOWER paint, founded in the 1920s, has a history of more than 100 years.

In the 1920s, founder Sower opened his shop in Edinburgh, England. The founder, Mr. Sower, inherited the artistic atmosphere of the European Renaissance and the ingenuity of sculptors and craftsmen. From Edinburgh, England, to Florence, Italy, he looked for architectural finishes with inspiration. From Michelangelo's paintings to find the original elements of color, from Donatello's works to find the essence of art, laid the foundation of the superior and different brand value of SOWER paint!

The founder of Sower (Sower) has a unique way to integrate the art of color creation into the production of paint, a change of the traditional paint monotonous, the style is very different, SOWER paint in the architectural coating to show the artistic value caused the attention of the royal family, was selected as the British royal family.

In 2020, SOWER began to invest and build in China, with technologically advanced experimental testing and production equipment introduced from the United Kingdom and other places, combining the brand's own British cultural gene with traditional Chinese aesthetics, and always taking the diversification of the artistic style of building facades and interior walls as the design concept of paint products; Always committed to creating a combination of functional and artistic brand value; It always continues the style of serving the British royal family, and integrates the careful design and construction of each Chinese customer's application scenario.

SOWER is responsible for product technology development and application, and SOWER China is responsible for product promotion design and construction. In the face of China's vast market, Sower adopts the central drive extension strategy, marketing channels rely on the national regional central cities, and radiate to other cities, and now has established a solid distribution channel. It has set up the South China region with Guangzhou as the center, the North China region with Beijing as the center, the Central China region with Wuhan as the center, the southwest region with Chengdu as the center, and extends to the surrounding cities.

SOWER coatings takes multi-functional resins as the basic application development end, and mainly develops special materials such as high-performance polyurethane, PMMA resin, bismaleimide resin, special isocyanate, aliphatic isocyanate and acrylic resin, FEP, high-performance silicone resin. Based on this, the entire architectural coating system is reshaped, including various texture interior and exterior coating systems, such as latex paint, fluorocarbons paint, real stone paint, water in water, water in sand and other product series; At the same time, it has promoted the floor system coating to the industrial 5.0 system quickly, replacing the traditional epoxy resin system in the field of solvent-free silicone resin, and reshaping the grinding stone system and functional floor coating system.

In the field of industrial buildings, SOWER coatings mainly focus on the development and application of floor systems, from high-performance resin system materials to functional application coatings, such as anti-static, anti-corrosion, anti-seepage, explosion-proof floor systems.

In the field of public buildings, SOWER coatings aims to provide customers with a differentiated product system of green, environmental protection, art, humanities and personality. From the artistic wall and ground integrated grinding stone system, scrubable and stain-resistant wall paint to the new floor material system with silicone resin and modified fluorine resin as the main material, to solve the defects of traditional floor peeling, cracking, empty drum, short service life and so on.

In the field of civil construction, SOWER coatings mainly focus on interior and exterior coatings, which are built to EU standards and adopt new clean and innovative technology to smell fresh and natural. High quality and high purity emulsion from the UK, forming a dense paint film, with scrubbing resistance, wall stains are easier to clean, and can be long-term anti-mildew.

Shuoeer paint brand sincerely wish to develop with customers at home and abroad, hand in hand to beautify the human environment, to protect the green home and contribute their own strength, wish all like-minded enterprises, social elites to work together with us!

PRODUCTION WORKSHOP DISPLAY 生产车间展示



SPECIALIZATION
 & REFINEMENT
 专业化、精细化



SERVICE PROCESS 服务流程

提供客户专业的环氧地坪工程咨询服务, 各类施工方法、方案设计、材料分析说明。
 Provide clients with professional epoxy flooring engineering consulting services, including various construction methods, scheme designs, and material analysis explanations.

ORDERING PROCESS 订购流程

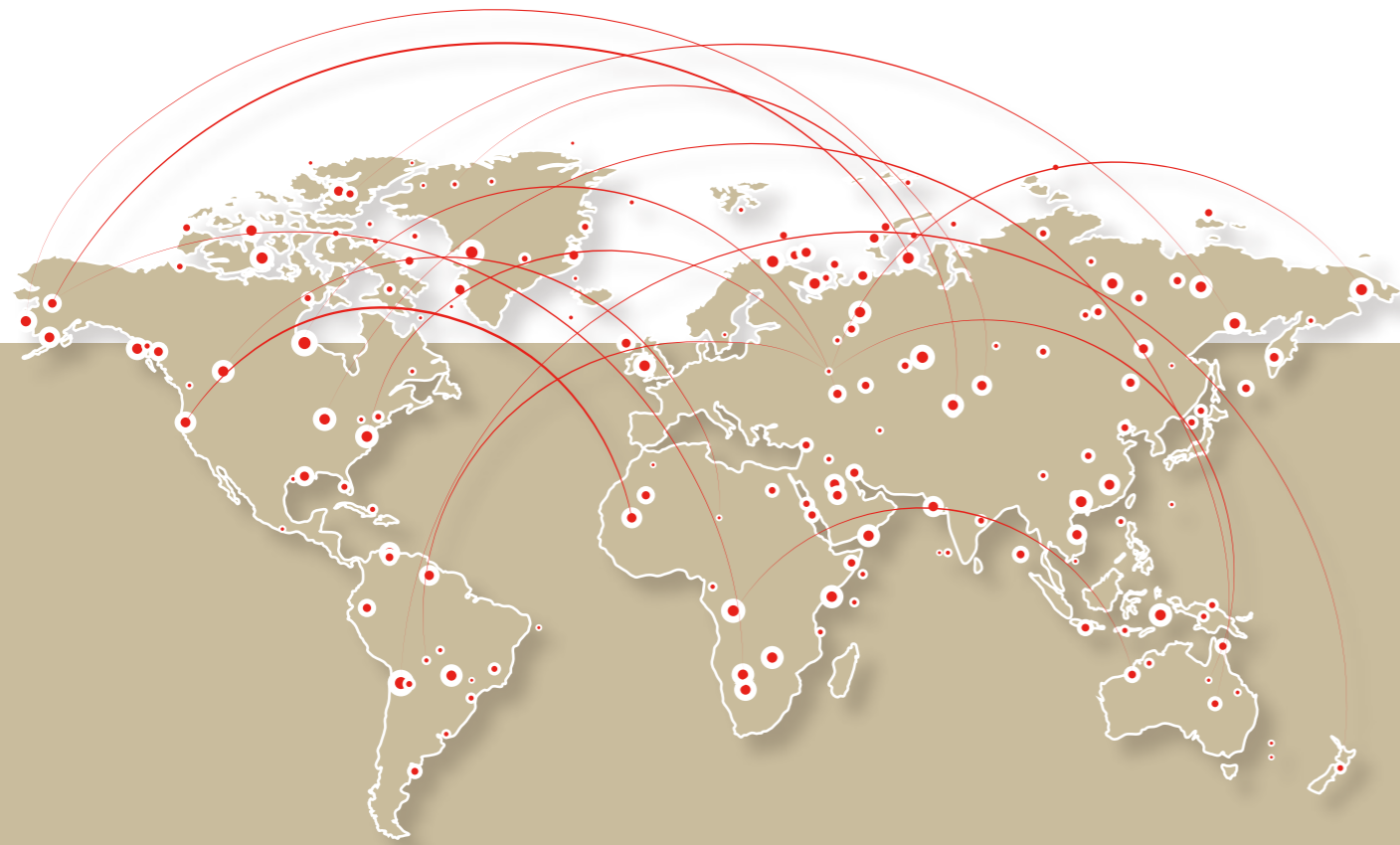


AFTER SALES SERVICE PROCESS 售后服务流程



DISTRIBUTION MAP OF SALES OUTLETS 销售网点分布图

QUALIFICATION 企业资质



因为专业·所以信赖
 BECAUSE OF PROFESSIONALISM, SO TRUST



国际品牌

INTERNATIONAL BRANDS ARE
 OPENING A NEW ERA OF INSTALLATION

开创建装新时代

BILL OF MATERIALS

材料清单

底涂系列/Primer series

水性环氧底涂UKSower®floor-SR-6000 Waterborne epoxy primer UKSower®floor-SR-6000
无溶剂环氧底涂UKSower®floor-SR-6001 Solvent-free epoxy primer UKSower®floor-SR-6001
环氧底涂(通用型)UKSower®floor-SR-6011 Epoxy primer (general purpose) UKSower®floor-SR-6011
环氧防静电底涂UKSower®floor-SR-6012 Epoxy anti-static primer UKSower®floor-SR-6012
无溶剂聚氨酯底涂UKSower®floor-SR-6015 Solvent-free polyurethane primer UKSower®floor-SR-6015
乙烯基底涂UKSower®floor-SR-6018 UKSower®floor-SR-6018 on vinyl base
水性多功能界面剂UKSower®floor-SR-6019 Water-based multifunctional interface agent UKSower®floor-SR-6019
水性聚氨酯底漆UKSower®floor-SR-6009 Waterborne polyurethane primer UKSower®floor-SR-6009

面涂系列/Topcoat series

水性环氧面漆UKSower®floor-SR-6020 Waterborne epoxy topcoat UKSower®floor-SR-6020
环氧平涂面漆UKSower®floor-SR-6015 Epoxy flat paint UKSower®floor-SR-6015
环氧自流平面漆UKSower®floor-SR-6025 Epoxy free-flow surface paint UKSower®floor-SR-6025
环氧彩砂自流平面漆UKSower®floor-SR-6028 Epoxy colored sand free-flowing surface paint UKSower®floor-SR-6028
环氧防静电平涂面漆UKSower®floor-SR-6030 Epoxy anti-static finish UKSower®floor-SR-6030
环氧防静电自流平面漆UKSower®floor-SR-6035 Epoxy anti-static surface paint UKSower®floor-SR-6035
环氧橘皮面漆UKSower®floor-SR-6018 Epoxy orange peel finish UKSower®floor-SR-6018
水性聚氨酯面漆UKSower®floor-SR-6036 Waterborne polyurethane topcoat UKSower®floor-SR-6036
聚氨酯超耐磨面漆UKSower®floor-SR-6068 Polyurethane ultra-wear-resistant topcoat UKSower®floor-SR-6068
乙烯基防腐面漆UKSower®floor-SR-6040 Vinyl anti-corrosion finish UKSower®floor-SR-6040
聚氨酯清漆UKSower®floor-SR-6045 Polyurethane varnish UKSower®floor-SR-6045
水性聚氨酯砂浆UKSower®floor-SR-6080 Waterborne polyurethane mortar UKSower®floor-SR-6080
高分子耐磨着色剂UKSower®floor-SR-6048 Polymer wear-resistant colorant UKSower®floor-SR-6048
无溶剂高分子面漆UKSower®floor-SR-6050 Solvent-free polymer topcoat UKSower®floor-SR-6050
无溶剂环氧树脂透明面漆UKSower®floor-SR-6088 Solvent-free epoxy transparent top paint UKSower®floor-SR-6088
水性聚氨酯面漆UKSower®floor-SR-6030 Waterborne polyurethane topcoat UKSower®floor-SR-6030

中涂系列/Medium paint series

ECC水性环氧砂浆UKSower®floor-SR-6000 ECC waterborne epoxy mortar UKSower®floor-SR-6000
环氧无溶剂中涂UKSower®floor-SR-6002 Epoxy solvent-free in-coating UKSower®floor-SR-6002
环氧中涂通用型UKSower®floor-SR-6004 Epoxy medium coated generic UKSower®floor-SR-6004
环氧防静电中涂UKSower®floor-SR-6006 Epoxy anti-static coating UKSower®floor-SR-6006

无机材料系列/Inorganic material series

液体硬化剂(钾基)UKSower®floor-SR-K30 Liquid hardener (potassium based) UKSower®floor-SR-K30
液体硬化剂(锂基)UKSower®floor-SR-L90 Liquid hardener (lithium based) UKSower®floor-SR-L90
高强快速修补砂浆UKSower®floor-SR-CM20 High strength quick repair mortar UKSower®floor-SR-CM20
反渗型无机防护砂浆UKSower®floor-SR-CM25 Reverse osmotic type inorganic protective mortar UKSower®floor-SR-CM25
高性能空鼓灌浆材料UKSower®floor-SR-CM30 High performance hollow drum grouting material UKSower®floor-SR-CM30
高强水泥基自流平UKSower®floor-SR-CM35 High strength cement-based self-leveling UKSower®floor-SR-CM35
无机纳米整体磨石UKSower®floor-SR-CM45 Inorganic nano monolithic stone UKSower®floor-SR-CM45

涂料系列/Paint series

工程涂料、家装涂料、艺术涂料详见相关涂料手册。
Engineering coatings, home improvement coatings, and art coatings are detailed in the relevant coatings manuals.

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PROFESSIONAL INTEGRATED
SERVICE PROVIDER FOR FLOORING MATERIALS

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02 | 无机类地坪

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环氧磨石地坪体系

EPOXY GRINDING STONE FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

适用于大型商场、商业大厦、豪华会所、展示厅、地下停车场地坪、酒店大堂、住宅和别墅的地面装修。

Suitable for large shopping malls, commercial buildings, luxury clubs, exhibition halls, underground parking floors, hotel lobbies, residential and villa ground decoration.

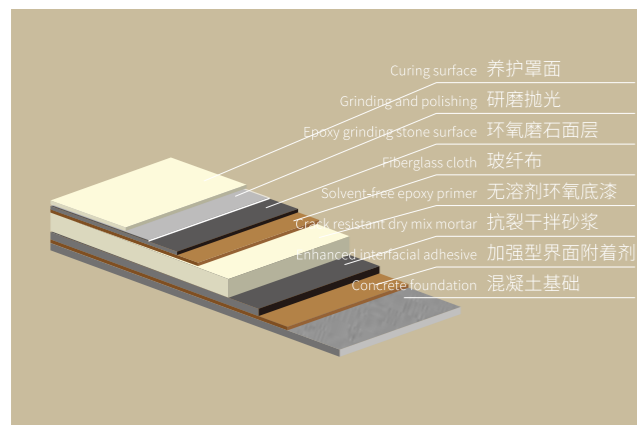
性能特点 | PERFORMANCE FEATURES

- 1、拥有环氧树脂地坪的所有优异性能；
 - 2、可以设计成各种图案、体现设计上的灵活性。
- 1, with all the excellent properties of epoxy floor;
2, can be designed into a variety of patterns, reflecting the flexibility of design.

施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理:待施工的混凝土基面必须干净,没有油脂,油污;没有任何疏松或者容易剥离的材料存在。
- 2、无溶剂环氧底涂UKSower®floor-SR-6001施工:将A、B组份混合,搅拌均匀无结块的,加入重量比约20%石英砂,用抹刀均匀摊铺。当混合物还是湿润状态,均匀抛撒少量0.9石英砂。
- 3、磨石面层:将UKSower®floor-SR6088胶结料同骨料搅拌均匀后,均匀摊铺至少10mm厚。
- 4、打磨:环氧磨石面层固化后,使用金刚石磨片进行干式粗磨至表面平整并且露出均匀的骨料,之后用湿磨的方式进行抛光去掉。
- 5、灌浆:在第一次粗磨后表面会留下一些微孔;用硕尔地坪胶结料混合硕尔石英砂 0.25进行灌注。将混合物倒在基面上后用金属的平口抹刀用力在表面批刮,根据环境温度和湿度,使表面干燥至少24小时后才可进行后续研磨抛光。
- 6、抛光:逐级抛光,直至获得光滑、均匀、具有光泽的表面。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists.
- 2, Solven-free epoxy coating UKSower®floor-SR-6001 Construction: Mix components A and B, stir until uniform and no caking, add about 20% quartz sand by weight, spread evenly with a spatula. When the mixture is still wet, sprinkle a small amount of 0.9 quartz sand evenly.
- 3, grinding stone surface: UKSower®floor-SR6088 binder and aggregate mix evenly, evenly spread at least 10mm thick.
- 4, Grinding: After curing the surface of the epoxy grinding stone, the diamond grinding sheet is used for dry rough grinding until the surface is smooth and uniform aggregate is exposed, and then the polishing is removed by wet grinding.
- 5, grouting: after the first rough grinding, the surface will leave some microholes; Shuer floor binder mixed with Shuer quartz sand 0.25 was used for perfusion. After pouring the mixture on the base surface, scrape the surface with a flat spatula of the metal, and make the surface dry for at least 24 hours according to the ambient temperature and humidity before subsequent grinding and polishing.
- 6, polishing: step by step polishing until a smooth, uniform, shiny surface is obtained.



环氧自流平彩砂地坪体系

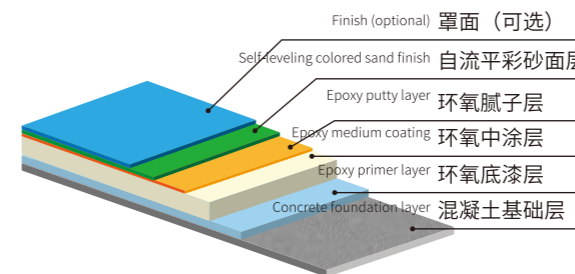
UKSOWER® FLOOR-SR6028 EPOXY SELF-LEVELING COLOR SAND FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

要求耐磨损,耐强冲击,装饰豪华场合,具有一定地坪风格,特别适用于机场、大型商场、宾馆、地铁、电子通讯、卷烟厂、食品厂、医疗卫生、娱乐设施及商务大厦、会展展馆、办公室及学校的实验室、地下停车场地坪等重视视觉效果场所的洁净地面。

Wear resistance, strong impact resistance, decorative luxury occasions, with a certain floor style, especially suitable for airports, large shopping malls, hotels, subways, electronic communications, cigarette factories, food factories, medical and health, entertainment facilities and business buildings, exhibition halls, offices and school laboratories, underground parking lot floor and other places that pay attention to aesthetic effects of clean ground.



性能特点 | PERFORMANCE FEATURES

- 1、颜色可自由调配、组合无限性,色彩绚丽缤纷,装饰效果好;
 - 2、高清洁性,无接缝;
 - 3、耐磨性能优异,耐酸碱,并可防止霉、菌的产生
 - 4、抗刮磨、防滑、耐重压、耐磨损、耐冲击、美观大方、彰显华贵气度。
- 1, the color can be freely deployed, combination unlimited, colorful, decorative effect is good;
2, high cleanliness, no joint;
3, excellent wear resistance, acid and alkali resistance, and can prevent the production of mold and bacteria
4, scratch resistance, anti-slip, pressure resistance, wear resistance, impact resistance, beautiful and generous, showing luxury.

施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理:待施工的混凝土基面必须干净,没有油脂,油污;没有任何疏松或者容易剥离的材料存在。
- 2、无溶剂环氧底涂UKSower®floor-SR-6001施工:使用无溶剂型自流平彩砂配套底漆:主漆和固化剂按比例混合,并搅拌均匀;用滚筒均匀地滚涂,无漏涂;门边、墙角、墙脚、机脚等使用毛刷滚涂。
- 3、无溶剂环氧中涂UKSower®floor-SR-6002施工:使用无溶剂型自流平彩砂配套中涂漆:主漆和固化剂按比例混合后加适量填料搅拌均匀;用批刀批刮1-2遍,重点是填补地面的坑洞缺陷处;待固化后,打磨批刀痕等缺陷处,用吸尘器、鸡毛掸、拧干的湿毛巾等清理干净。
- 4、腻子层施工:使用无溶剂环氧中涂UKSower®floor-SR-6002,按比例混合,搅拌均匀;用批刀进行封闭式批平。
- 5、无溶剂环氧树脂彩砂自流平面漆UKSower®floor-SR-6028施工:使用无溶剂自流平彩砂面漆,主漆和固化剂按比例混合,搅拌均匀;用准备好的镬刀进行自流平镬面或用无气喷涂机喷涂;面漆镬开后在10分钟内用消泡滚筒滚涂,辅助收平。
- 6、可选水性聚氨酯/聚氨酯超耐磨罩面。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists.
- 2, solvent-free epoxy coating UKSower®floor-SR-6001 Construction: use solvent-free self-leveling color sand matching primer: main paint and curing agent in proportion to mix, and stir evenly; Roll evenly with roller coating, no leakage coating; Door, corner, wall foot, machine foot, etc. Brush with brush.
- 3, Solvent-free epoxy medium coating UKSower®floor-SR-6002 Construction: solvent-free self-leveling color sand is used for medium coating; main paint and curing agent are mixed in proportion, and appropriate amount of filler is added to stir evenly; With the batch knife batch 1-2 times, the focus is to fill the ground hole defects; After curing, polish the defects such as the knife marks, and clean them up with a vacuum cleaner, chicken hair Zen, and a wet towel wrung out.
- 4, Putty layer construction: use solvo-free epoxy medium coating UKSower®floor-SR-6002, mix proportionally and stir evenly; Seal and flatten with a batching knife.
- 5, solvent-free epoxy resin color sand free-flowing surface paint UKSower®floor-SR-6028 Construction: use solvent-free self-leveling color sand top paint, main paint and curing agent mixed proportionally, stirring evenly; Self-leveling trowel with prepared trowel or spray with airless sprayer; After the finish trowel is opened, apply it with a defoaming roller within 10 minutes to help flatten.
- 6, optional waterborne polyurethane/polyurethane ultra-wear-resistant finish.

环氧砂浆地坪体系

EPOXY MORTAR FLOORING



适用范围 | SCOPE OF APPLICATION

机械性能要求较高的区域,如要求耐磨性强、耐一定冲击的机械厂、五金厂、码头、车道、车库、工业厂房、汽车飞机修理厂等水泥或水磨石地面。

Areas with high mechanical performance requirements, such as cement or terrazzo ground requiring strong wear resistance and certain impact resistance of machinery factories, hardware factories, wharves, driveways, garages, industrial plants, auto and aircraft repair plants.

性能特点 | PERFORMANCE FEATURES

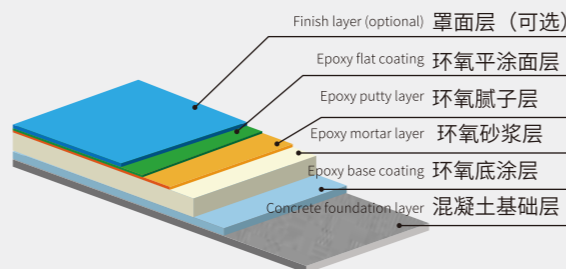
- 1、防尘、防潮、容易清洁;
 - 2、耐磨、耐冲击、硬度高;
 - 3、可做成防滑地面、哑光或亮光效果。
- 1, dustproof, moisture-proof, easy to clean;
2, wear resistance, impact resistance, high hardness;
3, can be made non-slip ground, matte or bright effect.



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理:待施工的混凝土基面必须干净,没有油脂,油污;没有任何疏松或者容易剥离的材料存在。
- 2、底涂层:使用UKSower®floor-SR-6001(主漆:固化剂=2:1)混合,并搅拌均匀;用滚筒、毛刷均匀地涂刷,无漏涂。参考用量:0.15-0.2kg/m²。
- 3、砂浆层:使用UKSower®floor-SR-6002(主漆:固化剂=5:1)按比例混合后加适量40-100目石英砂搅拌均匀;用批刀整体满刮1~2遍;参考用量:0.3-0.8kg/m²。
- 4、腻子层:使用UKSower®floor-SR-6002(主漆:固化剂=5:1)按比例混合后加适量填料(如石英粉)搅拌均匀;用批刀批刮1~2遍,重点是填补地面的坑洞缺陷处;参考用量:0.3-0.5kg/m²。
- 5、面涂层:使用UKSower®floor-SR-6015(主漆:固化剂=4:1)按比例混合,搅拌均匀;用准备好的滚筒滚上面漆,均匀滚涂2遍。参考用量:0.3-0.4kg/m²。
- 6、可选水性聚氨酯/聚氨酯超耐磨罩面。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists.
- 2, bottom coating: use UKSower®floor-SR-6001 (main paint: curing agent =2:1) mix, and stir evenly; Apply evenly with roller and brush without leakage. Reference dosage: 0.15-0.2kg/m².
- 3, Mortar layer: use UKSower®floor-SR-6002 (main paint: curing agent =5:1) to mix according to proportion and add an appropriate amount of 40-100 mesh quartz sand to stir evenly; Use the batch knife to scrape the whole 1-2 times; Reference dosage: 0.3-0.8kg/m².
- 4, Putty layer: use UKSower®floor-SR-6002(main paint: curing agent =5:1) to mix according to proportion and add appropriate filler (such as quartz powder) to stir evenly; With the batch knife batch 1 to 2 times, the focus is to fill the ground hole defects; Reference dosage: 0.3-0.5kg/m².
- 5, Top coating: use UKSower®floor-SR-6015(main paint: curing agent =4:1) to mix in proportion and stir evenly; Dip the paint in the prepared roller and apply evenly 2 times. Reference dosage: 0.3-0.4kg/m².
- 6, optional waterborne polyurethane/polyurethane ultra-wear-resistant finish.



环氧自流平地坪体系

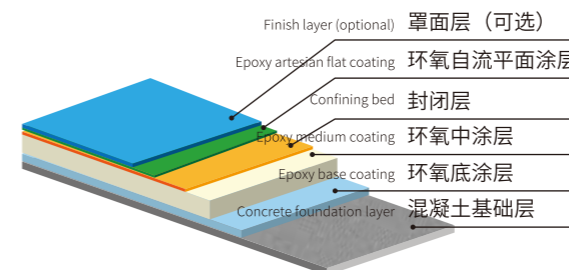
UKSOWER® FLOOR-SR6025 EPOXY SELF-LEVELING FLOOR



适用范围 | SCOPE OF APPLICATION

适用于实行GMP标准的制药行业、血液制品行业、医疗行业、生物研究、电子及微电子行业的无尘室或者无菌室。同样也可用于要求美观、耐磨、抗冲击、防化学品的其它行业,如学校、办公室、化工厂、食品厂等。

It is suitable for clean rooms or aseptic rooms in pharmaceutical industry, blood products industry, medical industry, biological research, electronics and microelectronics industry that implement GMP standards. It can also be used in other industries that require beauty, wear resistance, impact resistance and chemical resistance, such as schools, offices, chemical plants, food factories and so on.



性能特点 | PERFORMANCE FEATURES

- 1、表面平整光亮达镜面效果;
- 2、颜色多样,无毒无味无缝,美观安逸;
- 3、光洁无缝,防尘,易清洗;
- 4、坚韧、耐磨、耐药性好、无毒不助燃;
- 5、具有高粘接力、较强的机械强度、抗化学药品性和良好的电气性。

- 1, the surface is smooth and bright up to mirror effect;
- 2, Diverse colors, non-toxic, tasteless, seamless, beautiful and comfortable;
- 3, smooth and seamless, dust-proof, easy to clean;
- 4, tough, wear-resistant, good resistance, non-toxic and non-combustible;
- 5, with high adhesion, strong mechanical strength, chemical resistance and good electrical performance.

施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、使用SR-6001环氧底漆:主漆和固化剂按比例混合,并搅拌均匀;用专用批刀、滚筒均匀涂刷,无漏涂。门边、墙角、墙脚、机脚等使用毛刷刷涂。
- 2、使用环氧中涂UKSower®floor-SR-6002和固化剂按比例混合后加适量40~100目石英砂搅拌均匀;用批刀整体满刮1-2遍;待固化后,打磨批刀痕等缺陷处,并清理干净。
- 3、使用环氧中涂 UKSower®floor-SR-6002和固化剂按比例混合后加适量填料(如石英粉、滑石粉)搅拌均匀;用批刀批刮1-2遍,侧重填补地面的坑洞缺陷处;待固化后,打磨批刀痕等缺陷处,用吸尘器、鸡毛掸、拧干的湿毛巾等清理干净。
- 4、封闭层:使用环氧自流平面漆UKSower®floor-SR-6025,按比例混合,搅拌均匀;用批刀进行封闭式批平。
- 5、使用环氧自流平面漆UKSower®floor-SR-6025和固化剂按比例混合,搅拌均匀;用准备好的带齿刮刀进行自流平镜面。
- 6、可选水性聚氨酯/聚氨酯超耐磨罩面。

1. Use SR-6001 epoxy primer: mix the main paint and curing agent proportionally, and stir evenly; Apply evenly with special batch knife and roller without missing coating. Door, corner, wall foot, machine foot, etc. Brush with brush.
- 2, use epoxy coating UKSower®floor-SR-6002 and curing agent to mix proportionally, add an appropriate amount of 40 ~ 100 mesh quartz sand and stir evenly; Use the batch knife to completely scrape 1-2 times; After curing, polish the defects such as knife marks and clean them up.
- 3, use epoxy coating UKSower®floor-SR-6002 and curing agent in proportion to mix, add appropriate amount of filler (such as quartz powder, talc powder) stir evenly; Scrape 1-2 times with a batch knife, focusing on filling the hole defects on the ground; After curing, polish the defects such as the knife marks, and clean them up with a vacuum cleaner, a feather duster, and a wringing wet towel.
4. Sealing layer: Use epoxy free-flowing surface paint UKSower®-floor-SR-6025, mix proportionally and stir evenly; Seal and flatten with a batching knife.
5. Use epoxy free-flow surface paint UKSower®floor-SR-6025 and curing agent to mix in proportion, stirring evenly; Self-smooth the trowel with the prepared trowel with teeth.
- 6, optional waterborne polyurethane/polyurethane ultra-wear-resistant finish.

防静电环氧自流平地坪体系

UKSOWER® FLOOR-SR6035 ANTI-STATIC EPOXY SELF-LEVELING FLOOR



适用范围 | SCOPE OF APPLICATION

要求高度清洁、美观、无尘、无菌及防静电的电子、微电子、通讯产品、电子生产行业, 厂房等。

It requires highly clean, beautiful, dust-free, sterile and anti-static electronics, microelectronics, communication products, electronic production industries, factories, etc.

性能特点 | PERFORMANCE FEATURES

- 1、防静电效果优良持久, 不受时间、温度、湿度等影响;
- 2、选用无溶剂环氧树脂加优质固化剂制成;
- 3、表面平滑、美观、达镜面效果;
- 4、耐酸、碱、盐、油类腐蚀, 特别是耐强碱性极好;
- 5、耐磨、耐压、耐冲击, 有一定弹性。

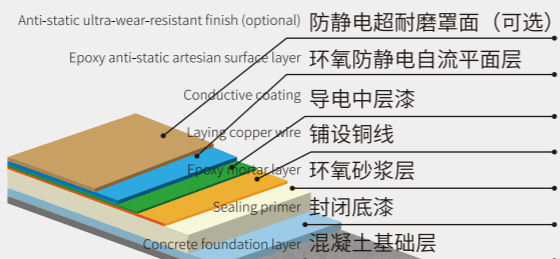
- 1, the antistatic effect is excellent and durable, not affected by time, temperature, humidity, etc.
- 2, the selection of solvent-free epoxy resin and high-quality curing agent made;
- 3, smooth surface, beautiful, mirror-like effect;
- 4, acid, alkali, salt, oil corrosion, especially good alkali resistance;
- 5, wear resistance, pressure resistance, impact resistance, there is a certain elasticity.



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理: 待施工的混凝土基面必须干净, 没有油脂, 油污; 没有任何疏松或者容易剥离的材料存在。
- 2、底涂层: 使用UKSower® floor-SR-6001底漆按比例混合, 并搅拌均匀; 用滚筒均匀地滚涂, 无漏涂。参考用量: 0.15-0.2kg/m²。
- 3、砂浆找平层: 使用UKSower® floor-SR-6002中涂(固化剂=4:1)按比例混合后加适量石英砂搅拌均匀; 用批刀整体满刮1~2遍; 参考用量: 0.35-0.7kg/m²。
- 4、接地铜网: 按设计要求铺设铜丝或铜箔, 铺设后使用防静电中涂材料沿铜网滚涂一遍, 在施工下一遍材料前把铜网保护起来; 间隔2m×2m。
- 5、防静电腻子层: 使用UKSower® floor-SR-6006中涂; 主漆和固化剂按比例混合后加适量石英粉搅拌均匀; 用批刀批刮1~2遍; 参考用量: 0.35-0.7kg/m²。
- 6、防静电面涂层: 使用UKSower® floor-SR-6035面漆; 主漆和固化剂按比例混合; 搅拌均匀; 用镟刀镟面。参考用量: 1.4kg/m²。
- 7、可选防静电超耐磨罩面。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists.
2. Bottom coating: Use UKSower® floor-SR-6001 primer to mix in proportion and stir evenly; Apply evenly with roller without leakage. Reference dosage: 0.15-0.2kg/m².
3. Mortar screed layer: use UKSower® floor-SR-6002 medium coating (curing agent =4:1) to mix according to proportion and add appropriate amount of quartz sand to stir evenly; Use the batch knife to scrape the whole 1~2 times; Reference dosage: 0.35-0.7kg/m².
- 4, grounding copper mesh: lay copper wire or copper foil according to the design requirements, after laying, use anti-static coating material along the copper mesh roll coating, before the construction of the next material to protect the copper mesh; The interval is 2m x 2m.
- 5, anti-static putty layer: use UKSower® floor-SR-6006 medium coating; After the main paint and curing agent are mixed proportionately, add appropriate amount of quartz powder and stir well. Use a knife to mark 1 to 2 times; Reference dosage: 0.35-0.7kg/m².
- 6, anti-static coating: use UKSower® floor-SR-6035 coating: main paint and curing agent mixed in proportion; Stir well; Use a trowel to smooth the surface. Reference dosage: 1.4kg/m².
- 7, optional anti-static ultra-wear-resistant cover.



弹性聚氨酯地坪体系

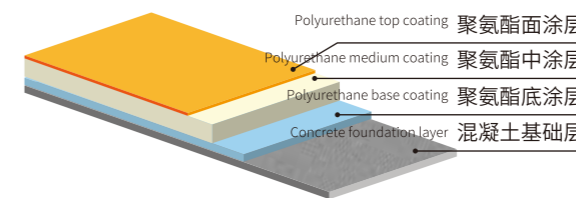
UKSOWER® FLOOR-SR6068 ELASTIC POLYURETHANE FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

广泛应用于购物重型、大型超市、人行道、停车场、生产车间、机器维修车间, 仓库等需要特别增强表面耐磨性的场所。

It is widely used in heavy shopping, large supermarkets, sidewalks, parking lots, production workshops, machine maintenance workshops, warehouses and other places that require special enhancement of surface wear resistance.



性能特点 | PERFORMANCE FEATURES

- 1、绿色环保;
- 2、高耐磨性;
- 3、附着力强;
- 4、优异美观装饰性;
- 5、防滑降噪;
- 6、无缝。

- 1, green environmental protection;
- 2, high wear resistance;
- 3, strong adhesion;
- 4, excellent aesthetic decoration;
- 5, anti-slip noise reduction;
- 6, Seamless.

施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面要求平整、洁净、干燥、牢固, 新做水泥地面至少养护30天。对于地基可能返潮的场合, 预先应作断水或防水处理;
- 2、环境要求及基材处理: 环境温度>5°C, 相对湿度<75%; 新水泥地面须干燥28天后方可施工。清除基面污物, 并修复老化及松动处, 用电动打磨机打磨抛光基面, 清除老化皮及废弃物, 并清扫吸尘, 保证无尘、无水、无油污;
- 3、涂刷聚氨酯底漆UKSower® floor-SR-6015: 把封闭底漆的两组份按规定比例混合充分搅拌, 即可用滚刷滚涂。干燥12小时后, 涂刷下一道漆。
- 4、涂刷聚氨酯中涂: 底漆干燥后开始批刮一遍UKSower® floor-SR-6008聚氨酯中涂。
- 5、镟涂UKSower® floor-SR-6040聚氨酯面漆: 把面漆的两组份按规定比例混合充分搅拌, 即可镟涂。参考用量: 1.2kg-1.8kg/m²。

1. The base surface shall be smooth, clean, dry and firm, and the newly made cement floor shall be maintained for at least 30 days. For the occasion where the foundation may return to tide, the water should be cut off or waterproof treatment in advance;
- 2, environmental requirements and substrate treatment: ambient temperature > 5°C, relative humidity < 75%; The new cement floor must be dry for 28 days before construction. Remove the dirt on the base surface, repair the aging and loose parts, polish the base surface with an electric grinder, remove the aging skin and waste, and clean and vacuum to ensure no dust, no water, no oil;
- 3, paint polyurethane primer UKSower® floor-SR-6015: the two components of the closed primer are mixed fully in the specified proportion, and can be rolled with a rolling brush. After 12 hours of drying, apply the next coat of paint.
- 4, polyurethane coating: After the primer is dry, start to scrape a batch of UKSower® floor-SR-6008 polyurethane coating.
- 5, trowel UKSower® floor-SR-6040 polyurethane finish: the two components of the finish are mixed fully in accordance with the specified ratio, and then trowel coated. Reference dosage: 1.2kg-1.8kg/m².

聚氨酯砂浆地坪体系

POLYURETHANE MORTAR FLOOR



适用范围 | SCOPE OF APPLICATION

高压电气、制药、化学品、低温冷库、食品加工厂、奶制品厂、酿酒厂和重载冲击的工业环境下使用。

High voltage electrical, pharmaceutical, chemical, low temperature cold storage, food processing plants, dairy plants, wineries and heavy load strong impact industrial environment.

性能特点 | PERFORMANCE FEATURES

- 1、抗压强度、抗折强度尤其是抗冲击性能突出；坚韧且粘接强度好，因此具有很好的防止脱层和抗开裂性能；
- 2、化学性能：抗大多数无机有机溶液的侵蚀；对无机酸、有机酸、乳酸、油酸、果酸有较好的抗腐蚀性；
- 3、高低温性能：可在-40°C~+120°C下长期使用，12mm厚的地坪可耐150°C短时热冲击。

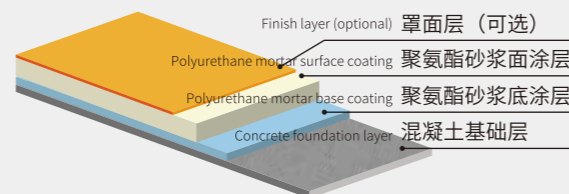
- 1, compressive strength, flexural strength, especially outstanding impact resistance; Tough and good bonding strength, so it has good anti-delamination and anti-cracking properties;
- 2, chemical properties: resistance to the erosion of most inorganic organic solutions; Good corrosion resistance to inorganic acid, organic acid, lactic acid, oleic acid, fruit acid;
- 3, high and low temperature performance: can be used for a long time at -40 °C ~ +120 °C, 12mm thick floor can withstand short-term thermal shock at 150 °C.



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理：待施工的混凝土基面必须干净，没有油脂，油污；没有任何疏松或者容易剥离的材料存在。基面开槽处理：按规定是在基面上切出深度和宽度是水性聚氨酯地坪层厚两倍的沟槽；为了减少在聚氨酯砂浆地坪下面液体渗漏的可能性而造成对基底粘接的影响。（在门口、机器的方形或圆形底座周围，聚氨酯砂浆地坪都会有自由边界，例如：四周边界、沟渠、伸缩缝等。因此在这些地方必须设置沟槽以分散因收缩及温度变化产生的机械应力和热应力。）
- 2、聚氨酯砂浆底涂施工：对于基面相对稳定或者一般混凝土基面，用UKSower®floor-SR-6080作为系统底涂，用平板刮刀或刮板均匀的施工，厚度大约在1mm左右。
- 3、聚氨酯砂浆面涂施工：将已经搅拌好的UKSower®-floor-SR-6080用18寸“V”型锯齿的刮板均匀摊铺，随后用9寸刮刀辅助收平，这样有利于材料均匀摊铺，获得更好的表面效果。完成摊铺材料后立刻用消泡滚筒十字交叉来回滚动使表面更加均匀并消除带入材料中的气泡。
- 4、可选水性聚氨酯/聚氨酯超耐磨罩面。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists. Base surface slotting treatment: according to the regulations, the depth and width of the base surface is cut out twice the thickness of the water-based polyurethane floor groove; In order to reduce the possibility of liquid leakage under the polyurethane mortar floor, the influence on the substrate bonding is caused. (At the door, around the square or round base of the machine, the polyurethane mortar floor will have free boundaries, such as: perimeter boundaries, ditches, expansion joints, etc. Therefore, grooves must be installed in these places to disperse the mechanical and thermal stresses caused by shrinkage and temperature changes.)
- 2, polyurethane mortar undercoating construction: For the base surface is relatively stable or general concrete base, use UKSower®floor-SR-6080 as the system undercoating, use flat scraper or scraper uniform construction, the thickness is about 1mm.
- 3, polyurethane mortar surface coating construction: has been stirred UKSower®floor-SR-6080 evenly spread with 18 inch "V" serrated scraper, and then use 9 inch scraper to assist flat, which is beneficial to uniform material spread, obtain better surface effect. Immediately after finishing the paving material, cross roll back and forth with a defoaming roller to make the surface more uniform and eliminate bubbles introduced into the material.
- 4, optional waterborne polyurethane/polyurethane ultra-wear-resistant finish.



水性聚氨酯地坪体系

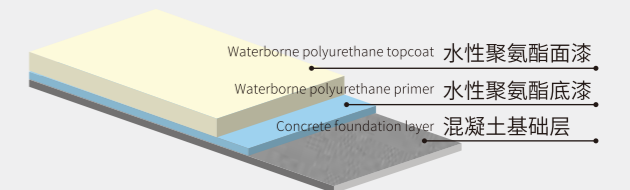
UKSOWER® FLOOR-SR6080 WATERBORNE POLYURETHANE FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

适用于冷库、食品加工厂、商业厨房、潮湿及干燥加工区、奶制品厂、酿酒厂、蒸馏车间、实验室、化学品加工厂、纸浆纸业工厂、仓库及储藏区。

Suitable for cold storage, food processing plants, commercial kitchens, wet and dry processing areas, dairy plants, distilleries, laboratories, chemical processing plants, pulp and paper plants, warehouses and storage areas.



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理：待施工的混凝土基面必须干净，没有油脂，油污；没有任何疏松或者容易剥离的材料存在。
- 2、施工环境：要求为温度>10°C，湿度<80%，环境通风良好。
- 3、底涂层：使用UKSower®floor-SR-6009水性聚氨酯底漆，用滚筒、毛刷均匀地涂刷1遍，无漏涂。
- 4、面涂层：使用UKSower®floor-SR-6036水性聚氨酯面漆，用准备好的滚筒滚上面漆，均匀滚涂1-2遍。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists.
- 2, the construction environment: the requirements are temperature >10°C, humidity <80%, and good ventilation.
- 3, the bottom coating: use UKSower®floor-SR-6009 waterborne polyurethane primer, with a roller, brush evenly brush once, no leakage coating.
4. Top coat: Use UKSower®floor-SR-6036 waterborne polyurethane top coat, dip the top coat with prepared roller, and evenly roll coat 1-2 times.

性能特点 | PERFORMANCE FEATURES

- 1、具有美观性、易清洁；
- 2、优异的耐磨性、耐冲击性、耐化学及耐其它物理侵蚀性能；
- 3、能抵御高温和低温的侵蚀，使用温度介于-40°C~115°C；
- 4、快速固化，施工周期短。

- 1, beautiful, easy to clean;
- 2, excellent wear resistance, impact resistance, chemical resistance and other physical erosion resistance;
- 3, can resist high temperature and low temperature erosion, the use of temperature between -40°C~115°C;
- 4, fast curing, short construction period.

水性环氧地坪体系

UKSOWER® FLOOR-SR6020

WATER-BASED EPOXY FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

特别适用于食品、学校、医院、生物制药、仪器仪表等场所的洁净地面。

Especially suitable for food, schools, hospitals, biopharmaceuticals, instruments and other places of clean ground.

性能特点 | PERFORMANCE FEATURES

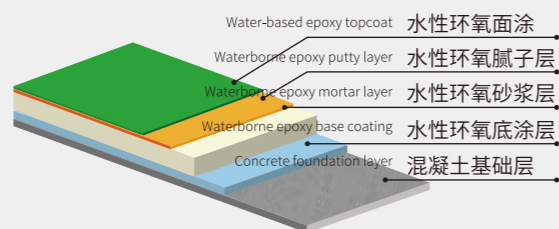
- 1、生态、健康、环保；
 - 2、哑光漆膜质感；
 - 3、无光污染；
 - 4、附着力好，遮盖力好；
 - 5、漆膜透气性好，自然养护地面。
- 1, ecology, health, environmental protection;
2, matte paint film texture;
3, no light pollution;
4, good adhesion, good covering power;
5, paint film permeability is good, natural conservation of the ground.



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基面处理：待施工的混凝土基面必须干净，没有油脂、油污；没有任何疏松或者容易剥离的材料存在。
- 2、底涂层：使用UKSower®floor-SR-6002水性环氧底涂与固化剂按比例混合，并搅拌均匀；用滚筒均匀滚涂。参考用量：0.15-0.2kg/m²。
- 3、砂浆层：使用UKSower®floor-SR-6007水性环氧砂浆与固化剂按比例混合后加适量40-100目石英砂搅拌均匀；用批刀整体满刮1~2遍；参考用量：0.6kg/m²。
- 4、腻子层：使用UKSower®floor-SR-6007水性环氧砂浆与固化剂按比例混合后加适量填料(如石英粉、滑石粉)搅拌均匀；用批刀批刮1~2遍，重点是填补地面的坑洞缺陷处；参考用量：0.2-0.3kg/m²。
- 5、面涂层：使用UKSower®floor-SR-6020水性环氧面漆与固化剂按比例混合，搅拌均匀；用准备好的滚筒滚上面漆，均匀滚涂2遍。参考用量：0.25-0.3kg/m²。

- 1, base treatment: the concrete base to be constructed must be clean, no grease, oil; No loose or easily peeled material exists.
2. Base coating: Use UKSower®floor-SR-6002 water-based epoxy base coating to mix with curing agent in proportion, and stir evenly; Apply evenly with roller. Reference dosage: 0.15-0.2kg/m².
3. Mortar layer: Mix UKSower®floor-SR-6007 water-based epoxy mortar and curing agent in proportion and add an appropriate amount of 40-100 mesh quartz sand to stir evenly; Use the batch knife to scrape the whole 1-2 times; Reference dosage: 0.6kg/m².
- 4, putty layer: use UKSower®floor-SR-6007 water-based epoxy mortar and curing agent in proportion to mix and add appropriate filler (such as quartz powder, talc powder) stir evenly; With the batch knife batch 1 to 2 times, the focus is to fill the ground hole defects; Reference dosage: 0.2-0.3kg/m².
5. Top coating: SUKSower®floor-SR-6020 water-based epoxy top paint is mixed with curing agent in proportion, stirring evenly; Dip the paint in the prepared roller and apply evenly 2 times. Reference dosage: 0.25-0.3kg/m².



激光整平(钢纤维)混凝土地坪体系

LASER LEVELING

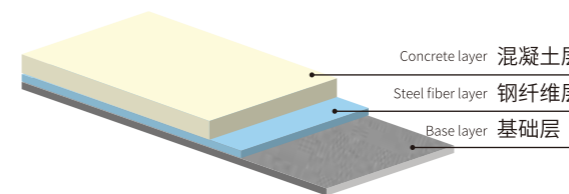
(STEEL FIBER) CONCRETE FLOOR



适用范围 | SCOPE OF APPLICATION

叉车的高层立体货架物流配送场所，有较高载重要求的生产车间或储备仓库。

The logistics distribution place of high-rise three-dimensional shelves with forklifts, the production workshop or reserve warehouse with higher load requirements.



性能特点 | PERFORMANCE FEATURES

- 1、施工质量更高、施工速度更快；
 - 2、地面整体性更好，混凝土密实度提高20%以上；
 - 3、加入钢纤维使地面超重负荷性能更加出众；
 - 4、可减少地面的后期维护费用。
- 1, higher construction quality, faster construction speed;
2, the ground integrity is better, the concrete density increased by more than 20%;
3, add steel fiber to make the ground overweight load performance more outstanding;
4, can reduce the later maintenance costs of the ground.

施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基层处理：采用铣刨机将基层的混凝土表面全部铣刨两遍，让基层全部露出骨料；并让基层地面产生坚硬粗糙的刻槽。此程序第一可粗整平地面，第二可清除浮浆有利于找平层的附着力，第三可增加基层粘结面积，为基层和找平层粘结施工提供良好基层。
- 2、清洁泡水：采用工业吸尘器将地面的灰尘吸干净，采用清水将地面充分泡水3天以上，混凝土施工前，将多余的水全部吸除干净。
- 3、安装模板：设定施工区域并安装模板。模板安装时与地倾角85度左右，便于分格缝剔打毛边。
- 4、钢筋网片安装施工：采用φ6mm*200mm*200mm制作成3m*2m钢筋片，网片头尾搭接整体绑扎，并垫块找平混凝土中部。
- 5、涂刷水泥浆：混凝土施工前涂刷水泥浆，水泥浆涂刷后必须在水泥浆未干之前进行混凝土浇筑施工。
- 6、混凝土整平：整平机整平后，采用手动整平刮尺进行人工二次刮平(去除混凝土表面多余的浮浆及沁水物，并再次提高表面的平整度。)局部柱边、墙边处由专人进行抹平。

1. Base treatment: Milling machine is used to mill all the concrete surface of the base twice, so that all the aggregate is exposed at the base; And create hard rough grooves on the base floor. The first procedure can rough the ground, the second can remove the floating slurry is conducive to the adhesion of the screed, and the third can increase the bonding area of the base, providing a good base for the bonding construction of the base and the screed.
- 3, clean water: The use of industrial vacuum cleaner to clean the dust on the ground, the use of water to fully soak the ground for more than 3 days, before the concrete construction, all the excess water will be sucked clean.
- 4, installation template: set the construction area and install the template. When the template is installed, the inclination Angle is about 85 degrees to the ground, which is convenient for the dividing seam to pick the raw edge.
- 5, steel mesh installation and construction: The use of φ 6mm*200mm*200mm to make 3m*2m steel bars, the end of the mesh is bonded to the whole binding, and the pad leveling the middle of the concrete.
- 6, brushing cement slurry: before the concrete construction, the cement slurry must be brushed before the cement slurry is dry.
7. Concrete levelling: After the levelling machine levelling concrete, manual levelling scraper is used for manual secondary scraping (removing excess floating pulp and gladdening water on the concrete surface, and improving the surface flatness again.) Part of the column side, wall side by special personnel to smooth.

非金属型及金属型耐磨地坪体系

NON-METAL TYPE AND METAL TYPE WEAR-RESISTANT FLOOR



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、表面处理:使用机械镟均匀地把混凝土表面的浮浆层去除掉;
- 2、第一次撒布材料:将规定用量的2/3硬化耐磨地坪材料均匀撒布在初凝阶段的混凝土表面后,用抹平机打磨处理;
- 3、刮尺找平:用刮尺将金刚砂材料均匀找平;
- 4、第二次撒布材料:将剩余的1/3硬化耐磨地坪材料均匀撒布,用抹平机再次打磨处理;
- 5、表面抛光:对面层抛光,保证表面的平整度和光洁度。

- 1, surface treatment: use a mechanical trowel to evenly remove the floating slurry layer on the surface of the concrete;
- 2, the first spread material: the specified amount of 2/3 hardened wear-resistant floor material evenly spread in the initial setting stage of the concrete surface, with the polishing machine grinding treatment;
- 3, scraper leveling: Use a scraper to evenly level the emery material;
- 4, the second spread material: the remaining 1/3 hardened wear-resistant floor material evenly spread, with the smoothing machine again grinding treatment;
5. Surface polishing: polishing the surface layer to ensure the flatness and finish of the surface.

适用范围 | SCOPE OF APPLICATION

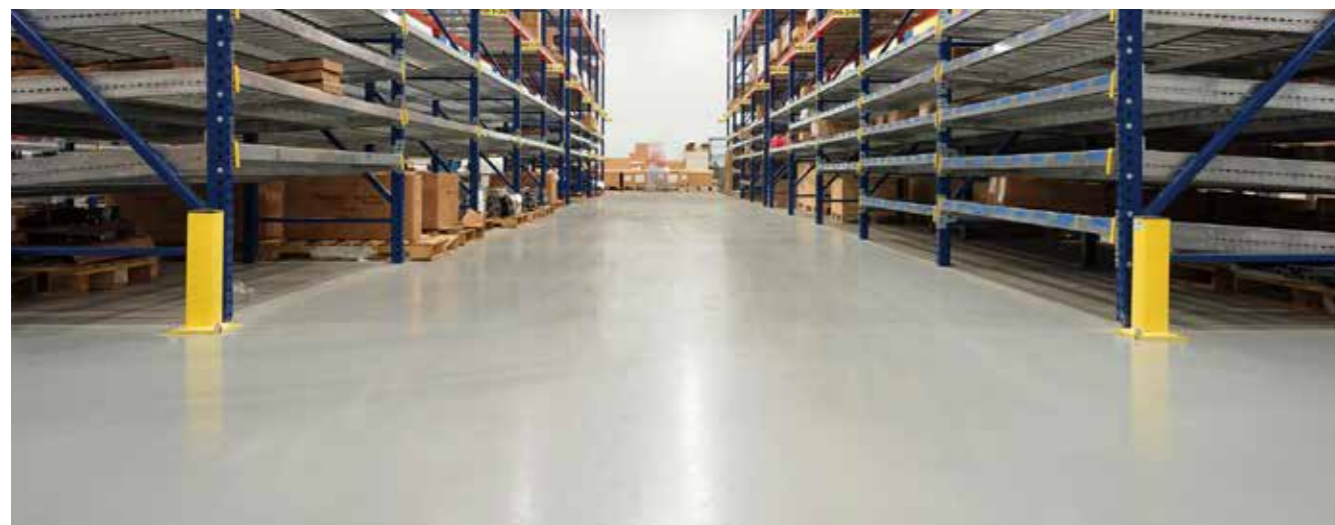
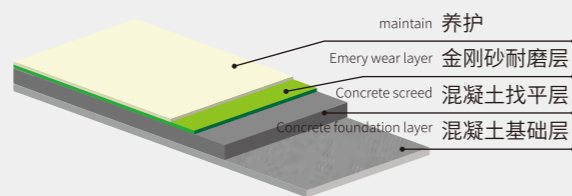
需耐磨且防尘的工业地面,例如:仓库、码头、厂房、停车场、维修车间、车库等需高度耐磨损的地面。

Industrial ground that needs wear-resistant and dust-proof, such as warehouses, docks, factories, parking lots, maintenance workshops, garages, etc., which need to be highly wear-resistant.

性能特点 | PERFORMANCE FEATURES

具有硬度高和耐磨性好、防尘效果佳,增加地面的防油性、缩短工期(可选防静电及不发火性)。

It has high hardness and good wear resistance, good dust proof effect, increase the oil resistance of the ground, shorten the construction period (optional anti-static and non-ignition).



密封固化剂地坪体系

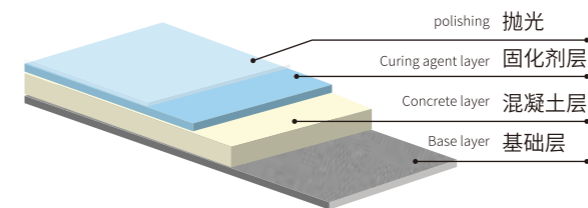
UKSOWER® FLOOR-SR-L90 SEAL CURING AGENT FLOOR



适用范围 | SCOPE OF APPLICATION

用于室内外金刚砂耐磨地坪、水磨石地坪、原浆收光地坪、超平地、普通水泥地坪、石材等基面上,适合于工厂车间、仓库、商场超市、码头、机场跑道、桥梁、公路等水泥基的场所。

Used for indoor and outdoor emery wear-resistant floor, terrazzo floor, pulp light floor, super flat floor, ordinary cement floor, stone and other substrates, suitable for factory workshops, warehouses, shopping malls, supermarkets, docks, airport runways, Bridges, roads and other cement-based places.



性能特点 | PERFORMANCE FEATURES

- 1、密封防尘、硬化耐磨;
- 2、抗化学侵蚀性能;
- 3、持久的光泽;
- 4、抗老化性能好;
- 5、施工方便,过程环保(无色、无味);
- 6、降低维护费用,一次施工,持久防护。

- 1, sealed dust, hardening wear;
- 2, chemical erosion resistance;
- 3, lasting luster;
- 4, good anti-aging performance;
- 5, convenient construction, process environmental protection (colorless, tasteless);
- 6, reduce maintenance costs, one construction, lasting protection.

施工工艺 | CONSTRUCTION TECHNOLOGY

1. 操作地坪专用研磨机先用50#磨片彻底打磨地面(干磨或水磨)2遍,并用吸尘器或其他工具彻底清扫地面灰尘或泥浆,(具体施工干磨或水磨按基面情况而定)。

2. 撒UKSower®floor-SR-L90混凝土密封固化剂:待地面清理完毕(水磨地面须完全晾干),撒上混凝土密封固化剂涂匀于已经粗磨好的地面,两小时内保持地面足够湿润,使地面毛细孔能够充分吸收材料。渗透剂固化12小时后喷洒清水并用洗地机清洗表面,并用吸尘器将表面清洁干净清理地面多余材料。

3. 用150#、300#、500#磨片各2遍打磨地面,去除之前磨片留下的痕迹将地面磨细,并磨到相同毛面。并用吸尘器或其他工具彻底清扫地面灰尘或泥浆。

4. 用800#、1000#、1500#磨片各2遍打磨地面,去除之前磨片留下的痕迹,一直磨到手感平滑。并磨到粗磨相同毛面。

1, the operation of the floor special grinding machine first with 50# grinding plate thoroughly grind the ground (dry grinding or water grinding) 2 times, and use a vacuum cleaner or other tools to thoroughly clean the ground dust or mud, (the specific construction of dry grinding or water grinding according to the base situation).

2, Spread UKSower®floor-SR-L90 concrete sealing curing agent: After the ground is cleaned (the ground must be completely dry), spread the concrete sealing curing agent evenly on the ground that has been coarse-ground, keep the ground moist enough within two hours, so that the ground pores can fully absorb the material. After the penetrant is cured for 12 hours, spray water and clean the surface with a floor washer, and clean the surface with a vacuum cleaner to remove excess materials on the ground.

3. Polish the ground twice with 150#, 300#, 500# grinding pieces, remove the traces left by the previous grinding pieces, and grind the ground to the same wool surface. Use a vacuum cleaner or other tool to thoroughly clean the floor of dust or mud.

4. Polish the ground twice with 800#, 1000 #, 1500# grinding pieces to remove the traces left by the previous grinding pieces until the feel is smooth. And grind to the same rough surface.

不发火(防静电)耐磨地坪体系

NON-IGNITION (ANTI-STATIC) WEAR-RESISTANT FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

酿酒车间、防爆车间、电子工业、易燃品仓库、机械工厂、军工企业、纺织业、容易产生火花的生产区域、加油站、印刷厂、飞机库、纸浆厂等有静电聚集的区域。

Wine workshop, explosion-proof workshop, electronics industry, flammable warehouse, machinery factory, military enterprises, textile industry, easy to produce sparks in the production area, gas station, printing plant, hangar, pulp factory and other electrostatic accumulation area.

性能特点 | PERFORMANCE FEATURES

A级防火、防爆、不发火、抗冲击、施工工期短、零污染、高强耐磨、抗重压、易清洁、抗浸防渗、不易起尘、平整度高、使用寿命长。

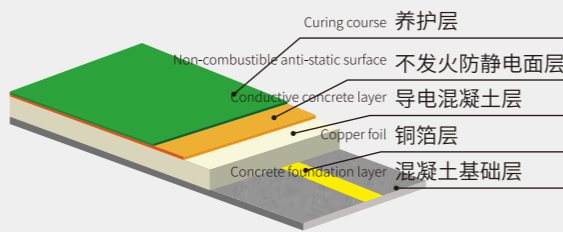
Class A fireproof, explosion-proof, non-ignition, impact resistance, short construction period, zero pollution, high-strength wear-resistant, anti-pressure, easy to clean, anti-infiltration, not easy to dust, high flatness; Long service life.



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、混凝土摊铺:在混凝土浇筑前,人员、材料、设备必须到达施工现场并与浇筑施工队伍协商好,并按分仓面积计算材料用量,预先堆放好材料,大型摊铺机开始摊铺混凝土。
- 2、圆盘提浆作业:用专业地坪抹光机加圆盘对初凝的混凝土表面进行交错打磨提浆作业。柱子,墙边等,模板边机器打磨不了的区域,需配备专业人员进行手工提浆作业。
- 3、不发火防静电耐磨材料撒播:以5-8kg/m²的覆盖率计算材料用量,第一次撒播量是全部用量的2/3,第二次撒播量为全部用量的1/3。
- 4、圆盘压实打磨:不发火防静电材料吸收一定的水份后,再用磨光机加圆盘进行来回交错打磨作业,把不发火防静电材料分散开并与基层混凝土浆结合在一起。
- 5、收光作业:待面层不发火防静电材料硬化至指压稍有下陷时,抹光机的转速及角度应视硬化情况调整刀片角度,在进行磨光机收光作业时,应随着地坪表面硬化情况进行纵横交错收光作业3-5次以上,直至表面平整光亮。
- 6、伸缩切割及地坪养护:不发火防静电地坪施工完成8-15小时后进行养护作业,养护方法一般采用连续7日内早上和晚上各洒一次水。施工完成2日内需进行伸缩缝切割,以防不规则开裂。

- 1, concrete paving: Before concrete pouring, personnel, materials and equipment must arrive at the construction site and negotiate with the pouring construction team, and calculate the amount of materials according to the warehouse area, pile up the materials in advance, and large pavers begin to spread concrete.
- 2, disk paddle lifting operation: use professional floor polishing machine plus disk to stagger the initial concrete surface grinding pulp lifting operation. Columns, walls, etc., the template side of the machine can not be polished areas, need to be equipped with professionals for manual pulp lifting operations.
- 3, non-ignition anti-static wear-resistant material broadcast: with 5-8kg/m² coverage rate to calculate the amount of material, the first broadcast amount is 2/3 of the total amount, the second broadcast amount is 1/3 of the total amount.
4. Disc compaction and grinding: After the non-firing anti-static material absorbs a certain amount of water, the polishing machine and the disc are used to cross-grind back and forth, and the non-firing anti-static material is dispersed and combined with the base concrete slurry.
5. Finishing operation: When the surface layer is not firing and the anti-static material is hardened until the finger pressure is slightly sagging, the speed and Angle of the polishing machine should be adjusted according to the hardening of the blade Angle, and the polishing machine should be criss-cross finishing operation 3-5 times or more with the hardening of the floor surface until the surface is smooth and bright.
- 6, joint cutting and floor maintenance: the maintenance work is carried out 8-15 hours after the completion of the construction of the non-combustible anti-static floor, and the maintenance method is generally used to sprinkle water once in the morning and at night within 7 consecutive days. The expansion joint should be cut within 2 days after completion of construction to prevent irregular cracking.



不发火(防爆)耐磨地坪体系

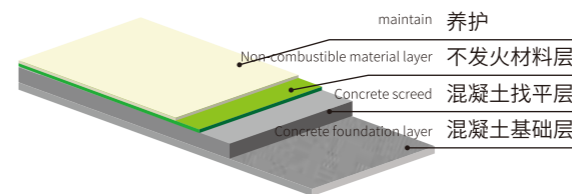
NON-COMBUSTIBLE (EXPLOSION-PROOF) WEAR-RESISTANT FLOOR SYSTEM



适用范围 | SCOPE OF APPLICATION

易燃易爆燃气站、油库或加油站、军需品易爆工厂、化工厂、新能源生产车间、面粉厂、烟花厂、气体制造车间等可燃气体、可燃蒸汽的甲类厂房和有粉尘、纤维爆炸危险的乙类厂房。防静电不发火电子精密仪器仪表车间、轻工业厂房、高压变电室、实验室、机械摩擦车间、印刷,纺织,化学,有机溶剂,瓦斯等。

Flammable and explosive gas stations, oil depots or gas stations, explosive factories for military munitions, chemical plants, new energy production workshops, flour mills, fireworks factories, gas manufacturing workshops and other combustible gas, combustible steam class A workshops and dust, fiber explosion risk Class B workshops. Anti-static non-ignition electronic precision instrument workshop, light industry workshop, high voltage transformer room, laboratory, mechanical friction workshop, printing, textile, chemical, organic solvent, gas and so on.



性能特点 | PERFORMANCE FEATURES

- 1、不发火性,冲击或摩擦不产生火花;金属与地面发生撞击摩擦时,不产生任何火花;
 - 2、高强耐磨,抗压强度可达到80MPa以上;
 - 3、抗冲击、耐潮湿,非金属骨料潮湿环境下不锈蚀;
 - 4、导电性强,对静电聚集有良好的导电性,可传导地面静电。
 - 5、可抵抗油脂、易清洁。
- 1, no ignition, impact or friction does not produce sparks; When the metal collides with the ground, it does not produce any spark;
 - 2, high strength wear resistance, compressive strength can reach more than 80MPa;
 - 3, impact resistance, moisture resistance, non-metallic aggregate does not rust in wet environment;
 - 4, strong electrical conductivity, good electrical conductivity to electrostatic accumulation, can conduct ground static electricity.
 - 5, can resist grease, easy to clean.

施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、混凝土摊铺:在混凝土浇筑前,人员、材料、设备必须到达施工现场并与浇筑施工队伍协商好,并按分仓面积计算材料用量,预先堆放好材料,大型摊铺机开始摊铺混凝土。
- 2、圆盘提浆作业:用专业地坪抹光机加圆盘对初凝的混凝土表面进行交错打磨提浆作业。柱子,墙边等,模板边机器打磨不了的区域,需配备专业人员进行手工提浆作业。
- 3、不发火防静电耐磨材料撒播:以5-8kg/m²的覆盖率计算材料用量,第一次撒播量是全部用量的2/3,第二次撒播量为全部用量的1/3。
- 4、圆盘压实打磨:不发火防静电材料吸收一定的水份后,再用磨光机加圆盘进行来回交错打磨作业,把不发火防静电材料分散开并与基层混凝土浆结合在一起。
- 5、收光作业:待面层不发火防静电材料硬化至指压稍有下陷时,抹光机的转速及角度应视硬化情况调整刀片角度,在进行磨光机收光作业时,应随着地坪表面硬化情况进行纵横交错收光作业3-5次以上,直至表面平整光亮。
- 6、伸缩切割及地坪养护:不发火防静电地坪施工完成8-15小时后进行养护作业,养护方法一般采用连续7日内早上和晚上各洒一次水。施工完成2日内需进行伸缩缝切割,以防不规则开裂。

- 1, concrete paving: Before concrete pouring, personnel, materials and equipment must arrive at the construction site and negotiate with the pouring construction team, and calculate the amount of materials according to the warehouse area, pile up the materials in advance, and large pavers begin to spread concrete.
- 2, disk paddle lifting operation: use professional floor polishing machine plus disk to stagger the initial concrete surface grinding pulp lifting operation. Columns, walls, etc., the template side of the machine can not be polished areas, need to be equipped with professionals for manual pulp lifting operations.
- 3, non-ignition anti-static wear-resistant material broadcast: with 5-8kg/m² coverage rate to calculate the amount of material, the first broadcast amount is 2/3 of the total amount, the second broadcast amount is 1/3 of the total amount.
4. Disc compaction and grinding: After the non-firing anti-static material absorbs a certain amount of water, the polishing machine and the disc are used to cross-grind back and forth, and the non-firing anti-static material is dispersed and combined with the base concrete slurry.
5. Finishing operation: When the surface layer is not firing and the anti-static material is hardened until the finger pressure is slightly sagging, the speed and Angle of the polishing machine should be adjusted according to the hardening of the blade Angle, and the polishing machine should be criss-cross finishing operation 3-5 times or more with the hardening of the floor surface until the surface is smooth and bright.
- 6, joint cutting and floor maintenance: the maintenance work is carried out 8-15 hours after the completion of the construction of the non-combustible anti-static floor, and the maintenance method is generally used to sprinkle water once in the morning and at night within 7 consecutive days. The expansion joint should be cut within 2 days after completion of construction to prevent irregular cracking.

无机纳米硅磨石体系

UKSOWER® FLOOR-SRCM45

INORGANIC NANO SILICON GRINDING STONE SYSTEM



适用范围 | SCOPE OF APPLICATION

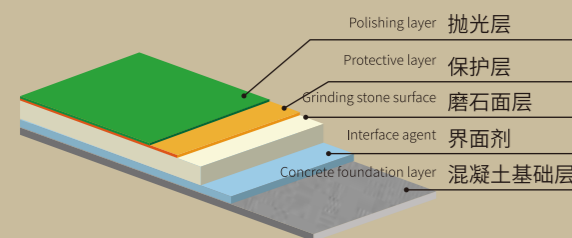
机场、火车站、博物馆、科技馆体育馆、商业场所、购物场所、酒店会所、咖啡馆、学校、图书馆、医院、办公楼、健身房、停车场、电子通讯、食品保健、烟草商行、大型超市、物流仓储、飞机制造厂、火车制造厂等重工业场所。

Airports, railway stations, museums, science and technology museums, gymnasiums, commercial places, shopping places, hotels, clubs, cafes, schools, libraries, hospitals, office buildings, gyms, parking lots, electronic communications, food and health care, tobacco firms, large supermarkets, logistics warehousing, aircraft manufacturers, train manufacturers and other heavy industry places.

性能特点 | PERFORMANCE FEATURES

- 1、低碳、节能环保材料，防火等级A1；
- 2、与混凝土基层的良好粘结力，快干、速凝；
- 3、高强的耐磨性能，高抗压强度，且防滑性能好；
- 4、色彩绚丽、图案精美、仿真性能强，质感华贵、典雅，尽可能表达设计师的设计想象；
- 5、表面致密，易清洁、易维护、易保养、耐油污，抗化学腐蚀，经久耐用、光亮常新。

- 1, low carbon, energy-saving environmental protection materials, fire grade A1;
- 2, good adhesion with concrete base, fast drying, fast setting;
- 3, high wear resistance, high compressive strength, and good anti-skid performance;
- 4, gorgeous color, beautiful pattern, strong simulation performance, luxurious texture, elegant, as far as possible to express the designer's design imagination;
- 5, dense surface, easy to clean, easy to maintain, easy to maintain, stain resistance, chemical corrosion resistance, durable, bright and new.



施工工艺 | CONSTRUCTION TECHNOLOGY

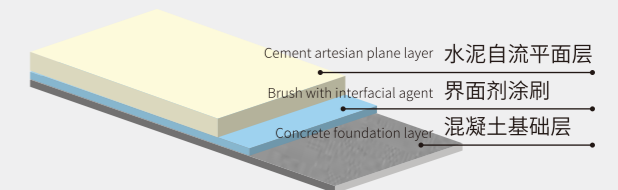
- 1、基层处理：基础底面要求混凝土基层应具有至少25N/mm²的抗压强度。表面需干燥（含水率低于8%），并铺设防水层。地面高差应小于4mm/2M，坡度小于5度。检查原始地面是否因沉降或混凝土收缩或者重压导致的裂缝及空鼓，必须在地面铣刨前进行裂缝处理；
- 2、确定点位、标高：采用红外线水平仪进行标高确定；
- 3、水性界面剂：涂刷时应纵横交叉，没有遗漏。涂刷完毕需等待12H-24H方可进行下一工序；
- 4、不锈钢网：将不锈钢网平铺钉于地面，后续与批刮层结合，起抗裂作用；
- 5、图案放线与分隔条安装：根据深化设计图案进行放线，将分隔条进行安装并固定；
- 6、无机纳米硅整体磨石砂浆摊铺：砂浆材料兑清水放入搅拌桶内搅拌均匀。均匀摊铺，然后用纯手工压实，使磨石表面平整、密实。避免串色，相邻区域分开摊铺；
- 7、粗磨：依次用16目、30目、50目、100目，200目的金刚磨片进行开面研磨。依次采用100目、200目的树脂磨片进行研磨直至骨料露出；
- 8、补浆、揉浆、铲浆：将粉料兑水批刮到需要修补的作业面，将磨机转速调到最慢，揉浆2-3遍，使其附着良好；带水用2000目的磨片把多余的粉料铲掉。
- 9、固化：使用喷雾剂将固化剂均匀喷洒在施工区域，干燥12H-24H方可进行下一工序
- 10、细磨养护抛光：使用400目、800目树脂干磨片对磨石地面进行细磨，养护剂干燥时间6H—12H；
- 11、成品保护。

- 1, base treatment: the bottom of the foundation requires that the concrete base should have at least 25N/mm² compressive strength. The surface should be dry (moisture content is less than 8%), and a waterproof layer should be laid. The ground height difference should be less than 4mm/2M, and the slope should be less than 5 degrees. Check whether the original ground is cracked and hollow due to settlement or concrete shrinkage or pressure, and crack treatment must be carried out before ground milling;
- 2, determine the point, elevation: the use of infrared level for elevation determination;
- 3, water-based interface agent: when brushing should cross, there is no omission. After brushing, wait 12H-24H for the next process;
- 4, Stainless steel mesh: the stainless steel mesh is nailed to the ground, and the subsequent combination with the batch scraper layer plays an anti-cracking role;
- 5, pattern pay-off and divider installation: according to the deepening design pattern for pay-off, the divider is installed and fixed;
- 6, inorganic nano silicon overall grinding stone mortar paving: mortar material mixed with water into the mixing bucket stir evenly. Spread evenly, and then compacted by hand, so that the surface of the grinding stone is smooth and dense. Avoid crosstalk, spread the adjacent areas separately;
- 7, rough grinding: with 16 mesh, 30 mesh, 50 mesh, 100 mesh, 200 mesh diamond grinding plate for open surface grinding. The 100 mesh and 200 mesh resin grinding plates were used successively until the aggregate was exposed.
- 8, grouting, kneading and shoveling: scrape the powder with water batch to the working surface that needs to be repaired, adjust the speed of the mill to the slowest, knead the pulp 2-3 times to make it adhere well; Remove excess powder with a 2000 mesh mill with water.
- 9, curing: use the spray to spray the curing agent evenly in the construction area, dry 12H-24H before the next process
- 10, fine grinding maintenance and polishing: use 400 mesh, 800 mesh resin dry grinding sheet for fine grinding stone ground, curing agent drying time 6H-12h;
- 11, finished product protection.

水泥自流平地坪体系

UKSOWER® FLOOR-SRCM35

CEMENT SELF-LEVELING FLOOR SYSTEM



施工工艺 | CONSTRUCTION TECHNOLOGY

1. 基础处理：将地面薄弱表面的浮浆、松散材料清除，使地面形成粗糙表面，形成良好的粘结结合面，清理干净的基础地面是一尘不染的，以提供粗糙、干净、毛孔开放的表面；
2. 涂刷界面处理剂：用棕刷，第一次站在界面剂里往外推，第二次站在界面剂外往外拉。每次界面剂后修补未封住处，直至多遍全部封住。涂刷第一遍后，等彻底干燥再进行第二遍，否则有可能会造成面层出现色差；
3. 摊铺高强自流平+不锈钢网：
 - (1) 用美纹纸将四周贴上，保证边缘平直。
 - (2) 将不锈钢网固定到对面，提高抗裂性能
 - (3) 测试高强水泥自流平的水灰比和流动性
 - (4) 摊铺高强水泥自流平并消泡处理
4. 涂刷界面处理剂：涂刷界面剂，纵横至少两次；
5. 摊铺面层彩色自流平水泥：界面剂干后，摊铺彩色自流平水泥，每次材料应重合，并消泡处理；
6. 罩面处理：均匀喷洒锂基液体硬化剂后抛磨，将不能吸收的材料清洗掉，晾干后表面施工无机纳米保护剂。
7. 切缝补缝：罩面处理完后两天进行切缝，切缝的位置根据现场面积和建筑，一般为应力位置。用弹性聚氨酯将缝补起来。

1. Basic treatment: Remove the floating slurry and loose materials on the weak surface of the ground, so that the ground forms a rough surface and forms a good bonding surface. The clean base ground is spotless to provide a rough, clean and open surface with pores;
- 2, brush the interface treatment agent: with a brown brush, the first time standing in the interface agent to push out, the second time standing in the interface agent to pull out. Repair the unsealed place after each interfacial agent until it is completely sealed multiple times. After brushing the first time, wait for the thorough drying and then the second time, otherwise it may cause color difference on the surface layer;
- 3, paving high-strength self-leveling + stainless steel mesh:
 - (1) Attach all sides with patterned paper to ensure that the edges are straight.
 - (2) The stainless steel mesh is fixed on the opposite side to improve the crack resistance
 - (3) Test the water-cement ratio and fluidity of self-leveling high strength cement base
 - (4) Spread high-strength cement-based self-leveling and defoaming treatment
- 4, brushing interface treatment agent: brushing interface agent, vertical and horizontal at least twice;
- 5, paving surface color self-leveling cement: after the interface agent dry, spread color self-leveling cement, each material should coincide, and defoaming treatment;
- 6, surface treatment: evenly spray lithium based liquid hardener after polishing, the material can not be absorbed to clean off, dry the surface of the construction of inorganic nano protective agent.
- 7, cutting and sewing: two days after the cover is treated, the position of the slit is generally the stress position according to the site area and construction. Sew up with elastic polyurethane.

适用范围 | SCOPE OF APPLICATION

适用于铺设各类工业地面，表面强度高，耐磨性能好，主要应用于新建或旧项目改造工程以及工业地面精找平。

Suitable for laying all kinds of industrial ground, high surface strength, good wear resistance, mainly used in new or old projects and industrial ground leveling.



性能特点 | PERFORMANCE FEATURES

- 1、绿色环保、无毒无害、0污染、无放射性；
- 2、防水、防潮；
- 3、高流动性能；
- 4、表面光滑平整；
- 5、体积稳定，具有很低的收缩率，可以进行大面积无缝施工。

- 1, green environmental protection, non-toxic and harmless, zero pollution, no radioactivity;
- 2, waterproof, moisture-proof;
- 3, high flow performance;
- 4, the surface is smooth and flat;
- 5, the volume is stable, with a very low shrinkage rate, can carry out large area seamless construction.

高强快速修补砂浆体系

HIGH STRENGTH QUICK REPAIR MORTAR SYSTEM

工程案例

ENGINEERING CASE



施工工艺 | CONSTRUCTION TECHNOLOGY

- 1、基层要求及处理:基层表面应平整、粗糙、清洁、无油污,无浮灰,不应有起砂、空鼓、裂缝等现象。施工前应用高压水冲洗并保持潮湿状态,但不得有积水。界面粘结时,可预先涂刷界面处理剂。
- 2、材料配制:将粉料:水按质量比100:13称取放置。将实际用量90%的水倒入粉料中搅拌均匀,再将剩余的10%水逐渐倒入并搅拌均匀,配好的浆料应保证在0.5-1小时内用完。
- 3、施工:在潮湿的混凝土基层表面先均匀涂刷一遍界面处理剂(甲:乙=3:1),聚合物修补砂浆一次施工面积不宜过大,应分条分块错开施工,每块面积不宜大于10平米,错开施工的间隔不应小于24小时。分层施工时,留缝位置应互相错开。
- 4、聚合物修补砂浆摊铺完后应立即压抹并一次抹平,不宜反复抹压。遇有气泡时应刺破压紧,表面应密实。立面或顶面的面层厚度大于10mm时应分层施工。每层抹面厚度宜为5-10mm,待前一层指触于时方可进行下层施工。

- 1, the base requirements and treatment: the base surface should be smooth, rough, clean, no oil, no floating ash, there should be no sand, hollow drum, cracks and other phenomena. Before construction, high-pressure water should be washed and kept moist, but there should be no water. When the interface is bonded, the interface treatment agent can be applied in advance.
- 2, material preparation: powder: water according to the mass ratio of 100:13 weigh and place. Pour 90% of the actual amount of water into the powder and stir evenly, and then pour the remaining 10% of water gradually and stir without clumping, and the prepared slurry should be guaranteed to be used up within 0.5-1 hours.
- 3, construction: in the wet concrete base surface of the first uniform brush once the interface treatment agent (A: B = 3:1), polymer repair mortar construction area should not be too large, should be divided into blocks staggered construction, each area should not be greater than 10 square meters, staggered construction interval should not be less than 24 hours. In the construction of layers, the position of the joint should be staggered.
4. Polymer repair mortar should be pressed and smoothed immediately after spreading, and should not be pressed repeatedly. When there are bubbles, they should be punctured and pressed, and the surface should be dense. When the thickness of the facade or top surface is greater than 10mm, it should be constructed by layers. The thickness of each layer should be 5-10mm, and the lower layer can be constructed when the previous layer is touched.

适用范围 | SCOPE OF APPLICATION

- 1、混凝土结构中破损的构件、梁、板、柱、楼梯等部位的修补;
- 2、建(构)筑物使用高强不锈钢绞线网的抹灰找平保护砂浆;
- 3、道路、桥梁中混凝土破损部位的修补;
- 4、机场跑道、高速公路车道及到破损部位的修补及抢修;
- 5、工业厂房混凝土地坪破损部位的修补及抢修。

1. Repair of damaged components, beams, plates, columns, stairs and other parts in concrete structure;
- 2, the construction (structure) of the use of high-strength stainless steel wire mesh plastering screed protection mortar;
3. Repair of damaged parts of concrete in roads and Bridges;
4. Repair and repair of airport runways, highway lanes and damaged parts;
5. Repair and rush repair of damaged parts of concrete floor of industrial plant.

性能特点 | PERFORMANCE FEATURES

- 1、施工方便:具有良好的施工和易性能。施工时无需振捣,在现场加水搅拌即可使用;
- 2、早强、高强:1天抗压强度可达20MPa,能最大限度的加快工程进度;
- 3、抗渗性能强:具有良好的抗渗性能,1.7MPa抗渗压水不透水,符合P16混凝土抗渗性能的要求;
- 4、粘接性能好:如使用混凝土界面处理剂,与新老混凝土的粘接强度大于1.8MPa,可更大程度保证高强混凝土修补砂浆与修补基层间的紧密粘接;
- 5、可冬季施工:聚合物修补砂浆允许环境温度在-5°C以上时,进行混凝土结构的装门面、水平面及顶面的修补室外施工;
- 6、耐久性强:50次冻融循环后强度无明显变化,在机油中浸泡30天后强度提高。

- 1, convenient construction: with good construction and easy performance. There is no need to vibrate during construction, and it can be used by adding water and stirring on site.
- 2, early strength, high strength: 1 day compressive strength up to 20MPa, can speed up the progress of the project to a greater extent;
- 3, strong impermeability: has good impermeability, 1.7MPa impermeability water impermeability, in line with the requirements of P16 concrete impermeability;
- 4, good bonding performance: if the concrete interface treatment agent is used, the bonding strength with the new and old concrete is greater than 1.8MPa, which can ensure the tight bonding between the high-strength concrete repair mortar and the repair base to a greater extent;
- 5, winter construction: polymer repair mortar allows the ambient temperature above -5°C, the concrete structure of the facade, horizontal and top surface repair outdoor construction;
- 6, strong durability: there is no significant change in strength after 50 freeze-thaw cycles, and the strength is improved after 30 days of soaking in oil.

