



MOISTURE-PROOF ALKALI REMOVAL NO. 1

INORGANIC SPECIALIZED PORCELAINIZED WATERPROOF COATING



CONSTRUCTION STEPS



1

REMOVE THE ORIGINAL BASE SURFACE TO THE STRUCTURAL LAYERS

铲除原基面至结构层

2

REPAIR AND SMOOTH

修补平整

3

MIX IN 1:0.5 RATIO AND SCRAPE FOR THE FIRST TIME

按1:0.5配比后批刮第一遍

4

SCRATCH THE SECOND TIME

批刮第二遍

IMPORTER BY
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MOISTURE-PROOF ALKALI REMOVAL NO. 1

A & B mix
Using Scrape skim coated

*Moisture-proof and alkali-removal: widely used in the treatment of alkali-resistant, damp, mildewed and peeling of indoor and outdoor walls.
*Negative pressure anti-seepage: widely used in the treatment of micro-seepage on the back surface of retaining wall basements side wall , toilet wall ,elevator shafts, pools outder wall, tunnels, garages, etc.



Negative Pressure
Anti-Seepage

High-Pressure
Waterproofing

Porcelainization
Technology



MOISTURE-PROOF ALKALI REMOVAL NO. 1

INORGANIC SPECIALIZED PORCELAINIZED WATERPROOF COATING

- Negative Pressure Anti-Seepage
- High-Pressure Waterproofing
- Porcelainization Technology



Product Ingredient

Main ingredients of Moisture-Proof Alkali Removal No. 1: Refined natural inorganic mineral powder, sand, water, inorganic additives, etc.

Features

- Uses a pure water-based, fully inorganic formula, containing no organic glues or materials, offering excellent natural antibacterial and antifungal effects, odorless, non-toxic, zero formaldehyde, zero VOCs, zero benzene.
- Employs a unique high-penetration porcelainizing coating technology that deeply penetrates the concrete layer and reacts to cross-link, tightly bonding to the wall without forming hollow spaces; the active minerals in the product react with silicates to form a dense porcelain layer, effectively resisting moisture penetration while also exhibiting excellent resistance to acids, alkalis, and permeability, effectively countering the corrosion from alkalis, nitrates, and sea sand.

Construction Technology

- Clean the concrete surface thoroughly, removing any areas that are completely powdered or hollow, and expand by 20~30cm. Clean with a steel brush to ensure the base layer is solid and clean;
- In cases of severe alkali efflorescence on walls, use an inorganic alkali-removing agent sprayed to clean until no obvious alkali crystals form;
- Thoroughly moisten the base layer with clean water, and once the base is wet without standing water, proceed with the putty application.
- Mix components A and B according to the specified ratio, stirring until the mixture is uniform and free of clumps; apply the mixed mortar evenly over the treated concrete base layer, allow to dry for 24 hours without any visible water marks, then apply a second coat;
- After two coats, if no further water marks appear, proceed directly with applying putty and painting the walls; if persistent water marks continue, reapply the coating until no visible water marks remain before proceeding with subsequent construction (applying putty, undercoat, and topcoat).

Scope of Application

- Moisture-Proof Alkali Removal: Widely used for treating alkali efflorescence, moisture return, mold, and peeling due to dampness on both interior and exterior walls;
- Negative Pressure Anti-Seepage: Commonly used for minor seepage treatment in bathrooms, basements, elevator shafts, pools, tunnels, garages, and other backwater surfaces;
- High-Pressure Waterproofing: Extensively used in high water pressure, long-term submerged environments such as landscape pools, swimming pools, and fire water tanks for waterproofing.

Precautions

- When working, wear protective gear, and if contact with the eyes occurs, rinse immediately with plenty of water;
- Prepared mortar must be used within 60 minutes; materials not mixed should be sealed immediately after opening the can to prevent spoilage;
- The suitable working temperature for construction is between 5°C and 35°C. Do not work during rain, snow, or in wind conditions exceeding Beaufort scale 5;
- Before the mortar is fully dried and hardened, protect it from rain washout and avoid application on icy or frosty bases. Do not add other materials to this product to avoid adverse reactions.
- When there is visible water under negative hydrostatic pressure, it is recommended to first plug the leak points; otherwise, the water will overflow to other areas.
- This product features an inorganic mineral formula. The strength of the product and the bond of the mortar will improve over time, with the physical properties strengthening progressively, reaching optimal performance theoretically after three months.

Packaging and Storage

- The product is an inorganic mineral formula. During storage, mineral powder may settle, but shaking the container before use will redistribute the contents evenly without affecting product performance.
- Packaged in sealed barrels and transported as general building materials, precautions should be taken during transport to avoid exposure to sunlight and rain, and to prevent squeezing and collisions to keep the packaging intact.
- Packaging must be stored and transported upright and kept in a cool, dry place between 5°C and 35°C.
- Shelf life: 18 months.

Standard

GB 18582-2020

Statement

Please follow the instructions in the user manual for proper construction. Our company will not be liable for any losses resulting from incorrect usage. For any issues, please consult your local dealer or our technical service department.

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产品配料

防潮除碱1号主要成分:精炼天然无机矿粉、砂、水、无机辅料等。

产品特点

- 采用纯水性全无机配方,不含任何胶质等有机材料,具有优异的天然抑菌防霉效果,净味无毒,零甲醛、零VOC、零苯;
- 采用独有的高渗透涂层瓷化技术,能够深度渗入混凝土层并产生交联反应,与墙体紧密结合不空鼓;产品中的活性矿物与硅酸盐反应形成密实的瓷化层,有效抵抗水汽渗透,同时具有优异的耐酸碱性、抗渗透性能,能够有效的抵抗碱蚀和海砂的腐蚀。

施工工艺

- 将混凝土表面清理干净,清除完全粉化空鼓的地方,并外扩20~30cm。并用钢丝刷清理干净,确保基层坚固、清洁;
- 墙面有严重泛碱的情况下,用无机清洗剂喷涂清理,直至无明显碱结晶形成;
- 用清水彻底润湿基层,待基层润湿无明水再进行批刮施工;
- 按使用配比将A、B组分混合搅拌,至均匀无结块的状态;将搅拌好的浆料均匀批刮在处理后的混凝土基层上,待干24小时无明显水痕后,再批刮一道;
- 批刮2道后,不再有明显水痕产生时,就可直接进行腻子粉批刮和墙面漆施工;如若继续有顽固水痕,再次进行批刮施工直至没有明显水痕后,才能进行后序施工(批刮腻子、墙面底漆、墙面面漆)。

适用范围

- 防潮除碱:广泛用于室内外墙面泛碱、返潮、发霉及墙面受潮起皮的处理;
- 负压抗渗:广泛用于卫生间、地下室、电梯井、水池、隧道、车库等背水面微渗水的处理;
- 高压防水:广泛用于高水压、长期泡水环境,如:景观池、泳池、消防水池等防水处理。

注意事项

- 施工时应佩戴防护用品,如触及眼睛,及时用大量清水冲洗;
- 配制好的浆料须在60分钟内用完,未混合使用的材料在开罐后须立即密封盖紧,以免变质;
- 施工适宜环境温度5°C~35°C,雨雪天气及五级以上大风天气不得施工;
- 浆料完全干固硬化前应避免雨水冲刷,避免在结冰、霜冻的基层上施工。不可在本产品内添加其他材料,以免引起不良反应;
- 负水压有明水水压时,建议先堵漏水点,否则明水会外溢到其他部位;
- 本产品为无机矿物配方,产品的强度以及砂浆结合度都会随着时间的增加产品物理性能会越来越强,理论上3个月为最佳效果。

包装贮存

- 产品为无机矿物配方,储存过程中会有矿物粉沉淀,使用时摇晃均匀即可,不影响产品性能;
- 采用密封桶包装,按一般建材运输,运输时应防止日晒雨淋,避免挤压碰撞,保持包装完好;
- 包装必须正置式堆放和运输,5°C~35°C阴凉干燥处贮存;
- 保质期:18个月。

执行标准

GB 18582-2020

声明

请按照说明书的指示进行规范施工,本公司不承担由于不正确使用引起任何损失责任,有关问题请咨询当地经销商或本公司技术服务部。

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