



## MOISTURE-PROOF ALKALI REMOVAL NO.2

INORGANIC SPECIALIZED PORCELAINIZED WATERPROOF COATING

### CONSTRUCTION STEPS



|   |  |                                                                            |
|---|--|----------------------------------------------------------------------------|
| 1 |  | REMOVE THE ORIGINAL BASE SURFACE TO THE STRUCTURAL LAYERS<br><br>铲除原基面至结构层 |
| 2 |  | REPAIR AND SMOOTH<br><br>修补平整                                              |
| 3 |  | MIX IN 1:0.5 RATIO AND SCRAPE FOR THE FIRST TIME<br><br>按1:0.5配比后批刮第一遍     |
| 4 |  | SCRATCH THE SECOND TIME<br><br>批刮第二遍                                       |

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## JISHAN REPAIR

## MOISTURE-PROOF ALKALI REMOVAL NO. 2

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 inder wall , toilet wall ,elevator shafts, pools outer wall, tunnels, garages, etc.



- Inorganic Formula
- Moisture-Resistant and Anti-Seepage
- Long-lasting Mold Protection
- Strong Alkali Resistance
- Anti-Mold and Antibacterial
- Salt and Nitrate Resistance

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**Mold Hazard:** In continuously damp environments, walls, panels, and clothing are prone to mold growth, fostering various molds and insects that release volatile organic compounds (mVOCs), resulting in a pungent mold odor.  
**Mold odors and toxins** not only cause severe irritation to the cornea but also pose serious risks to human health through inhalation, skin contact, affecting the liver, kidneys, respiratory system, and immune functions, potentially leading to rhinitis, and may cause neurological and endocrine disorders, immune suppression, carcinogenic and teratogenic effects, liver damage, and acute or chronic health impacts.

#### Product Ingredient

Refined natural inorganic mineral powder, sand, water, inorganic additives.

#### Scope of Application

- This product is extensively used in the prevention of alkali efflorescence, damp reversion, mold, and peeling due to moisture on both interior and exterior walls.
- This product has excellent porcelain sealing properties and is suitable for use in moist environments such as bathrooms, basements, and elevator shafts.

#### Features

- This product is a pure water-based, fully inorganic formula, containing no organic emulsions or adhesive materials, offering excellent natural antibacterial and antifungal effects, odorless, non-toxic, and contains zero formaldehyde and VOCs.
- This product features a unique high-penetration porcelainizing coating technology that deeply penetrates into the concrete layer and tightly bonds with the wall; it reacts with silicates to form a dense porcelain layer, effectively resisting moisture penetration while also providing excellent resistance to acids, alkalis, and corrosion from alkali, nitrate, and sea sand.
- This product uses highly reactive inorganic materials that tightly bond with concrete and putty layers, minimizing the risk of hollow spaces.

#### Application Process

- Clean the construction base surface to ensure it is solid with no dust, and moisten with clean water to a damp state, but without standing water.
- Mix components A and B thoroughly according to the specified ratio, adjusting with water as needed based on actual construction conditions.
- Apply using a roller, brush, or spraying machine; adhere strictly to the crisscross method during application to prevent missed areas.
- The waterproof coating should be applied in at least two layers, with each layer allowed to air dry for 24 hours. The coating should dry to a whitish appearance.
- When applying to a wet surface, continue to brush until no obvious water marks are visible before proceeding with the application of putty and wall paint; if stubborn water marks persist, apply the same mixture by rolling until no water marks remain, then continue with subsequent processes (applying putty, undercoat, and topcoat).

#### Precautions

- Store in a cool, dry, safe location to prevent accidental ingestion by children.
- This product is resistant to alkali and moisture but does not provide protection against positive hydrostatic pressure. If there is visible water under pressure, it is recommended to first plug the leak; otherwise, the water may continue to flow to other areas, causing prolonged moisture that can corrode structural elements.
- This product should be applied to concrete surfaces and not directly on putty layers, as the moisture and humidity drawn through the putty can cause blistering and compromise the overall moisture barrier.
- Mixed materials must be used within 90 minutes, and materials that have not been mixed should be immediately sealed after opening to prevent spoilage.
- When using this product in special environments, test it first. Do not mix this product with products from other manufacturers or add any other materials to it, as this may cause adverse reactions.
- The suitable ambient temperature for application is between 5°C and 35°C (the higher the ambient temperature, the faster the curing).

#### Packing and Storage

- Packaged in sealed containers and transported as general chemical building materials. Protect from sunlight and rain during transport and avoid 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

GB18582-2020

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**霉菌危害:**长期受潮的环境中,墙体、板材、衣物等容易发生霉变,并滋生各种霉菌及虫蚁,这些生物能够释放易挥发性有机物质mVOCs,产生出有刺激性的霉菌气味。霉菌气味和霉菌毒素不仅会对人的眼睛造成强烈的刺激,还通过呼吸道吸入、皮肤接触对人体的肝脏、肾脏、呼吸系统、免疫功能造成严重危害,容易引发鼻炎,并可能会致神经、内分泌紊乱,免疫抑制,致癌致畸,肝脏损伤,对人体健康产生急性或慢性影响。

#### 产品配料

防潮除碱2号主要成分:精炼天然无机矿粉、砂、水、无机辅料。

#### 适用范围

- 本产品广泛用于室内外墙面泛碱、返潮、发霉及墙面受潮起皮的预防施工。
- 本产品具有优异的密化密闭性,可用于卫生间、地下室、电梯井等潮湿的处理。

#### 产品特点

- 本产品为纯水性全无机配方,不含任何有机乳液和胶质材料,具有优异的天然抑菌防霉效果,净味无毒,零甲醛、零VOC。
- 本产品采用独有的高渗透涂层层化技术,能够深度渗入混凝土层,与墙体紧密结合;与硅酸盐反应形成密实的密化层,有效抵抗水汽渗透,同时具有优异的耐酸碱性,能够有效的抵抗碱蚀和海砂的腐蚀。
- 本产品采用活性超强的无机材料,能够与混凝土、腻子层紧密结合,不易产生空鼓。

#### 施工流程

- 清理施工基面,保证施工基面坚实无浮尘,并用清水进行润湿达到潮湿状态,但不能有明水。
- 按使用配比将AB料混合搅拌均匀,根据实际施工情况可以适当加水。
- 用滚筒或毛刷、喷涂机进行施工操作;施工时,应严格遵循十字交叉施工法,避免产生漏刷现象。
- 防水涂层作业应施工2道以上,每道施工应间隔24小时予以凉干,涂层干燥发白相为宜。
- 防水面施工时,应涂刷至不再有明显水痕产生的时候,方可进行腻子批刮和墙面漆施工;如有顽固水痕,再用同样的浆料滚涂施工至没有水痕,再进行后序施工(批刮腻子、墙面底漆、墙面面漆)。

#### 注意事项

- 贮存于阴凉干燥的安全位置,以避免儿童误食。
- 本产品为抗碱、防潮抗渗产品,不具备防水压力防水功能,有明水水压,建议先堵水点,否则明水还会流到其他位置;墙体长期蓄水容易腐蚀建筑结构。
- 本产品施工在混凝土表面上,不可直接施工在腻子层表面上,否则腻子层等引水份和潮气会造成腻子空鼓,从而破坏整体防潮层。
- 配制好的材料须在90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。
- 在特殊环境使用本产品时,请先试验后使用,本产品不能与其他厂家产品混杂使用,不可在本产品内加其他材料,以免引起不良反应。
- 施工适宜环境温度5°C~35°C(环境温度越高,固化越快)。

#### 包装贮存

- 采用密封桶包装,按一般化学建材运输,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

GB18582-2020

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