



HAND-APPLIED POLYUREA WATERPROOF COATING

CONSTRUCTION STEPS



1		BASE SURFACE CLEANING 基面清理
2		BASE SURFACE ROUGHENING (USE OUR PRODUCT-K11 COLORFUL WATERPROOF HIGH STRENGTH OR TWO-COMPONENT LARGE PLATE TILES ADHESIVE) 基面拉毛（用极缮修补K11彩色高强 防水涂料或双组份大板背胶）
3		FIRST COAT OF COATING 第一遍涂刷
4		SECOND COAT (AT LEAST 2 COATS) 第二遍涂刷（最少2遍）

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National Service Hotline: 400-600-3150



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waterproof specialists for exposed surface.

- *one brush stop leak.
- *Hot weather resistance.
- *available apply on rc flat roof, balcony, bathroom and rc floor slab etc
- "Suitable for base surfaces that are frequently soaked in water/suitable for all kinds of pools this product ALSO suitable for grouting injection repair concrete slab leaking.
- *using same pu grouting high pressure machine and packer.



Green and Environmentally Friendly Solvent-free Safe Components with No Unpleasant Odor



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Product Description
Jishan Repair Hand-applied Polyurea Waterproof Coating is a single-component waterproof coating prepared by using aliphatic isocyanates and amino compounds as the base polymers, and adding various additives such as accelerators, fillers, and anti-aging agents through a special process. It cures by reacting with moisture in the air, forming a new type of single-component wet-curing waterproof coating with a silicon-oxygen-silicon three-dimensional cross-linked structure.This Hand-applied Polyurea Waterproof Coating has excellent outdoor weathering resistance and maintains its color, gloss, and does not chalk over the long term when exposed. It is a high-quality waterproof coating that is green, environmentally friendly, and odorless.
Scope of Application
Widely applicable to areas requiring waterproofing treatment or repair such as building roofs, gutters, balconies, exterior walls, and cisterns. It is also used for waterproofing and moisture-proofing projects in large warehouses, granaries, and important buildings.
Features
○ Green and environmentally friendly, solvent-free, safe components with no odor. ○ Excellent water resistance, particularly effective for damp environments like damp substrates and freshly poured concrete, with remarkable adhesion effects. ○ Nearly 100% solid content, cold application without the need for heating. A single application can achieve a designed thickness of 2.0mm in one pass. ○ Unaffected by ambient temperatures, can be applied in environments as low as -10°C. ○ The coating has a good elongation rate, capable of covering cracks on the substrate. It also has excellent low-temperature flexibility with no cracks at -40°C. ○ Possesses good impact resistance, chemical corrosion resistance, and aging resistance. ○ Can be applied on concrete, stone, wood, metal, and other substrates, and is compatible with insulation boards (EPS, XPS), polyurethane coatings, asphalt materials, etc. ○ Has an extremely low water absorption rate, resistant to water immersion without absorbing water, and acid-alkali resistant. ○ Easy to apply, can be applied by trowel, roller, or brush. The coating has no reactive groups remaining after curing, provides reflective heat insulation, reduces energy consumption, and thus achieves energy-saving and emission-reducing, environmentally friendly green building goals.
Safety Matters
○ Hazard Information: If the product accidentally comes into contact with the eyes or skin/hair during construction, it may cause eye irritation or allergic skin reactions. ○ Precautionary Measures: Keep children or pets out of the construction area and store the product out of children's reach. Avoid inhaling gases, smoke, vapors, or sprays. Wear protective equipment during use and wash hands and other contacted areas after operation. ○ Emergency Response: If the product contacts the skin or hair, wash with plenty of soap and water. If it contacts the eyes, immediately flush with plenty of water and seek medical help. If the skin becomes irritated or a rash occurs, seek medical attention promptly. ○ Safe Storage: Store in a sealed container in a cool, dry place between 5°C and 35°C, away from direct sunlight. Keep the container tightly closed. Store separately from strong acids, strong bases, strong oxidizing agents, food, and animal feed. Do not pour diluted paint back into the original packaging, and use the product as soon as possible after opening. ○ Disposal: Dispose of paint waste in accordance with national and local disposal regulations (Please refer to the product safety technical manual before disposal). Note: The product performance and application data listed above are obtained under standard test conditions. However, the actual environment in which the product is used is diverse and beyond our control. For any inquiries, please contact Fujian Jishan Technology Co., Ltd.
Instructions for Use
○ This product is a single component, open the lid, and please stir well before use. ○ The product cures quickly. It is advisable to apply continuously without prolonged exposure to avoid skin formation. ○ The suitable construction environment temperature is between -10°C and 40°C. Do not apply in heavy rain, snow, or strong wind conditions. ○ If the product becomes difficult to handle due to high viscosity in low temperatures, it can be stored at room temperature or warmed before use. ○ This product is a reactive elastomer; when high resistance to staining or soiling is required, it can be used in combination with Jishan Repair's polyurea-specific clear coat to enhance the stain resistance of the coating system.
Precautions
○ When there is leftover material in the paint bucket, it should be sealed tightly and stored in a cool, ventilated place, away from any fire sources. ○ Keep the product dry during transportation, storage, and use. Avoid stacking uncovered outdoors. ○ Wear proper safety gear during application, including a mask and goggles, to prevent the material from contacting your skin or eyes.
Packaging and Storage
○ Use sealed barrel packaging, and transport according to general building materials. Transport should prevent sunlight and rain, avoid extrusion collision, and keep the package intact. ○ The package must be stored and transported in an upright position and in a cool, dry place between 5°C and 35°C. ○ Shelf life: 12 months
Standard
T/CBMF 105-2021

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产品说明
极缮修补手工聚脲防水涂料采用脂肪族异氰酸酯与氨基化合物作为基础聚合物，添加促进剂、填充料、抗老化剂等多种助剂，经特殊工艺制备而成的单组份防水涂料。通过与空气中的水气反应固化，形成硅-氧-硅立体交联结构的新型单组分湿固化防水涂料。手工聚脲防水涂料户外耐候化性能优异，具有长期外露不变色、不失光、不粉化。是一种绿色环保且无异味的高品质防水涂料。
适用范围
广泛适用于建筑屋面、天沟、阳台、外墙面和水池等需进行防水处理或修缮的部位。以及大型仓库、粮库和重要建筑的防水、防潮工程。
产品特点
○ 绿色环保，不含溶剂，成分安全无异味； ○ 防水性能优异，针对潮湿基面、新浇筑的混凝土等潮湿环境，粘接效果显著； ○ 几乎100%固体含量，冷施工，无需加热。一次涂布可达一道设计厚度2.0mm； ○ 施工不受环境温度的影响，可在-10℃环境下施工； ○ 漆膜具有良好的延伸率，可以覆盖基面裂纹。并拥有优异的低温弯折性，-40℃无裂纹； ○ 具有良好的抗冲击性、耐化学腐蚀性和耐老化性； ○ 可以涂布在混凝土、石材、木材、金属等基层，与保温板(EPS、XPS)、聚氨酯涂料、沥青材料等有很好的相容性； ○ 具有极低的吸水率，耐水池不吸水，且耐酸碱； ○ 施工便捷，可刮涂、辊涂、喷涂进行施工。涂膜固化后无反应性基团残留，反光隔热，降低能耗，从而实现节能减排、环境友好的绿色建筑目标。
安全事项
○ 危害说明 施工时不慎沾及眼部或皮肤头发，可能会引起眼睛刺激或皮肤过敏反应。 ○ 预防措施 不要让儿童或宠物进入施工区域，并将产品放置于儿童接触不到的地方。避免吸入气体、烟雾、蒸气、喷雾。使用中佩戴防护用具，操作后清洗手部以及其他接触部位。 ○ 事故响应 如沾及皮肤或头发，请用大量肥皂水和清水冲洗。如沾染眼部，请立即用大量清水冲洗，并寻求医疗救助。若皮肤出现刺激或皮疹，请及时就医。 ○ 安全贮存 5℃以上，35℃以下阴凉干燥处密闭储存，避免阳光直射，保持容器严格密封。应与强酸、强碱、强氧化剂、食物和动物饲料隔离存放。已稀释的涂料不要倒回原包装内，产品开罐后请尽快使用。 ○ 废弃处置 弃置涂料废物时应符合国家和地方的处置法规（弃置前请参阅产品安全技术说明书）。 附注：以上所列出的产品性能及其应用资料是在标准实验条件下获得的，但产品实际使用的环境则是多种多样，不受我们所约束，不明之处，请与福建极缮科技股份有限公司联系。
使用说明
○ 本产品为单组份，开盖请搅拌均匀后使用； ○ 产品固化速度较快，施工过程中宜连续施工，不宜长期暴露，避免结皮； ○ 施工环境温度：-10℃至40℃。大雨、雪、大风天气不宜施工； ○ 本产品如遇低温施工，粘度大不易操作情况。可先在室温中存放或加热后使用； ○ 本产品为反应型弹性体，在耐沾污或抗污要求高时可以搭配极缮修补的聚脲专用罩光清漆一起使用，提高涂层系统的抗污性能。
注意事项
○ 涂料桶中有剩余材料时，应密封严实，存放于阴凉通风处，严禁烟火； ○ 本产品在运输、储存和使用中应注意防潮，切忌无遮盖露天堆放； ○ 施工时，请做好劳保措施。戴好口罩和护目镜，以免材料沾染身体。
包装贮存
○ 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； ○ 包装必须正置堆放和运输，5℃~35℃阴凉干燥处贮存； ○ 保质期：12个月
执行标准
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