

Product Name

产品名称

SMT-5041 Adhesion Primer

SMT-5041 界面剂

Description

描述

This product is a synthetic resin emulsion or polymer-modified cementitious coating specially designed for application prior to the construction of cement-based self-leveling underlayment. Its core functions include sealing base pores, reducing water absorption rate, and providing chemical and mechanical anchoring. It eliminates common construction defects such as pinholes, blowholes and delamination, and improves the bonding strength between the self-leveling layer and the substrate.

This product is indicated for:

- Primer application before cement-based / gypsum-based self-leveling construction
- Interface reinforcement before adhesive bonding of tiles, stone, floor cloth and carpet
- Direct renovation and tile installation over old tiles, old terrazzo and old concrete substrates
- Surface pretreatment of lightweight wall panels including gypsum boards, aerated blocks and fiber cement boards prior to plastering or tiling
- Sealing and reinforcement of wall surfaces before paint coating or wallpaper pasting
- Priming treatment for base layers of special functional flooring, such as high-standard flooring systems including anti-static flooring, epoxy flooring and polyurethane flooring

本产品是一种专用于水泥基自流平找平层施工前的合成树脂乳液或聚合物改性水泥基涂覆材料，其核心作用是通过封闭基层孔隙、降低吸水率、提供化学和机械锚固，消除“火山孔”、针眼、脱层等质量通病，提高自流平层与基层间的粘结强度。

本品适用于：

- 水泥基/石膏基自流平施工前的底涂
- 瓷砖、石材、地板布、地毯胶粘前的界面加强
- 旧瓷砖、旧水磨石、旧混凝土上直接翻新贴砖
- 石膏板、加气块、纤维水泥板等轻质墙体抹灰或贴砖前处理
- 墙面刷涂料、贴墙纸前的封闭加固
- 特殊功能地坪基层，例如防静电地坪、环氧地坪、聚氨酯地坪等高标准地坪系统

Properties

产品特点

- Easy application: Water-based emulsion, ready-to-use upon opening the bucket; applicable by roller or brush.
 - Eco-friendly: Non-toxic, odor-free, radiation-free and pollution-free.
 - Cost-effective: Low consumption, material-saving with high cost performance.
 - Powerful performance: Significantly enhances adhesion between self-leveling mortar and base substrate, and effectively prevents hollowing, cracking and other defects.
-
- 施工简便：水性乳液，开桶即用，可滚涂可刷涂
 - 绿色环保：无毒无味，无辐射，无污染
 - 经济高效：用量少、省料、性价比高
 - 功能较强：可显著提高自流平砂浆与基层之间的附着力，有效防止空鼓开裂等

Applications

产品应用

Before application:

- The base surface shall be solid, flat, dry and clean, free of cracks, oil stains and release agents. Shot blasting treatment is recommended if the substrate surface is friable or covered with large-area laitance.
- Substrates with high moisture content require professional damp-proof treatment. Sand the base and remove dust before primer application.

Construction Method:

- For cement mortar substrates, dilute the product with water according to substrate absorbency and apply thoroughly with a wool roller for interface treatment; for concrete floors, apply undiluted directly by roller.
- High-absorption substrates require two roller coats. Carry out self-leveling construction 1 to 2 hours after rolling when the surface remains damp without standing liquid. The waiting time shall be adjusted on site according to ambient temperature and humidity. Tools and containers can be cleaned with water.

施工前:

- 基层应坚实、平整、干燥、清洁、无裂纹、无油污、无脱模剂。如基层表面疏松或大面积浮浆，宜喷丸处理。
- 含水率高的基层需做专业防潮处理。底涂前打磨基层并吸尘。

施工方法:

- 对于水泥砂浆基层界面处理，根据吸收情况进行兑水稀释后用羊毛滚筒充分滚涂；对于混凝土地坪无需兑水直接滚涂。
- 对于高吸收基层须滚涂两遍，滚涂完1-2小时表面湿润无积液即可进行自流平施工，实际应用时间根据现场温湿度调整等候时间，工具和容器可以用水清洗。

Storage

存储要求

No. 60 Werer Rd., Laian County Industrial Park
Chuzhou,
Anhui 239000 China
中国安徽省滁州市来安县工业园C区纬二路

Anhui Surmount New Materials Co., Ltd.
安徽斯迈特新材料股份有限公司
www.ahsmt.cn

2026.06.01

This product is non-hazardous. Store in cool and dry place below 10-27°C. Shelf life: 12 months. Use as soon as possible.

本产品属于非危险品，储存于温度在10-27°C的阴凉干燥处，有效期为12个月，建议尽早使用。

Note

注意事项

- Construction is prohibited at temperatures below 5°C, under direct sunlight, or in rainy and foggy weather.
 - This product only serves as an interface bonding layer and cannot replace damp-proof or waterproof membranes.
 - The construction surface must be kept clean, dry and free of dirt.
 - Use within the product shelf life; expired product is forbidden for use.
 - Construction shall be carried out strictly in accordance with standard procedures.
 - Avoid direct contact with skin and eyes; do not ingest.
 - Keep out of reach of children.
 - Trace amounts of chemical substances will be released during curing. Sufficient ventilation shall be maintained at the working area. The fully cured product is non-toxic to humans.
-
- 禁止在5°C以下或阳光直射、雨雾天气施工。
 - 本品仅为界面粘结层，不能替代防潮层或防水层。
 - 施工表面必须保持清洁、干燥、无污垢。
 - 应在产品保质期内使用，过期产品不得使用。
 - 应严格按照规范流程施工。
 - 避免皮肤和眼睛直接接触，请勿吞食。
 - 避免小孩接触。请放置于儿童接触不到的地方。
 - 产品在固化过程中会释放出微量化学物质，作业场所应保持充分的通风，固化后对人体无毒。

Shelf life & Instruction

使用寿命和说明

Shelf life: 12 months

保质期：12 个月

These instructions are only recommendations, which are based on our experience. We advise preliminary testing before use.

这些说明只是基于我们的经验的建议。我们建议在使用前进行初步测试。

Packaging Specification

包装规格

This product is packed in 20kg pails. Custom filling is available upon customer request.

本产品采用20kg/桶。也可根据客户要求灌装。

Technical Data Sheet (Condition: 23°C, 55%RH)

技术参数表（条件： 23°C, 55%RH）

Test Items	Technical requirements	Typical Data	Test Method
Appearance	Milky white homogeneous liquid	Milky white homogeneous liquid	Visual inspection
Density, g/cm ³	1.0±0.03	1.0	GB/T 13477.2
PH	8-9	8.8	HJ 1147-2020
Hard dry time, h	1-2	1	GB/T 1728
Solid content, %	12-18	3	GB/T11175
Coverage rate, g/m ²	100-150	120	Enterprise Standard

检测项目	技术指标	典型数据	检测标准
外观	乳白色均匀流体	乳白色均匀流体	目测
密度, g/cm ³	1.0±0.03	1.0	GB/T 13477.2
PH 值	8-9	8.8	HJ 1147-2020
实干时间, h	1-2	1	GB/T 1728
固含量, %	12-18	3	GB/T11175
单耗, g/m ²	100-150	120	企标