

Product Name

产品名称

SMT-M26 Wood Flooring Adhesive

SMT -M26 木地板胶

Description

描述

This product is an elastic adhesive formulated with specially copolymer-modified silicone rubber resin as the main component together with other special active additives. It is a one-component, easy-to-handle, high-viscosity wood flooring adhesive. It has obtained REACH, RoHS, EC1 Plus, FloorScore, France A+, AgBB and Belgian VOC certifications. After extrusion and exposure to air, the adhesive paste undergoes vulcanization reaction with moisture in the air and cures gradually from surface to core into an elastomer to exert its bonding effect. The cured adhesive is tough and highly elastic with outstanding mechanical properties including tensile performance, elongation rate, shear strength, adhesion and aging resistance.

This product is indicated for:

- Suitable for engineered wood flooring, cork flooring, etc.
- Applicable to solid wood flooring, industrial wood flooring and veneer panels for residential use

本产品是基于特殊共聚改性有机硅橡胶树脂主体成分加其他特殊活性助剂制备而成的弹性胶粘剂，是单组份、易操作、高粘度的木地板胶。通过了 REACH, RoHS, EC1 Plus, FloorScore, France A+, AgBB, Belgian VOC 认证。胶浆挤出接触空气后与空气中的水分会发生硫化反应，由表及里逐步固化成弹性体而发挥作用。固化后胶体强韧而富有弹性，具有优异的力学性能，如拉伸性能、伸长率、剪切强度以及粘接性、耐老化性能。

本品适用于：

- 适用于实木复合地板、软木地板等；
- 适用于实木地板，工业木地板，（住宅用）贴面板

Properties

产品特点

- One-component and easy to apply
- Excellent stain resistance and paintability on the surface
- Free of toxic and harmful solvents such as toluene, formaldehyde, halogenated hydrocarbons and thinners; non-toxic, odorless with superior environmental performance
- Powerful adhesion to various substrates, featuring ultra-high bonding strength and outstanding water resistance
- No shrinkage after curing; the bead retains its original shape
- Excellent durability, discoloration and crack resistance, ideal for permanent elastic bonding applications
- 单组分，易操作
- 表面具有良好的抗污性和可涂饰性
- 不含甲苯、 甲醛、 卤代烃、 稀料等有毒有害溶剂，无毒无味，具有更佳的环保性
- 粘接力好，对各种基材有良好粘接性，具有极高的粘接强度和优异的防水性能
- 固化后不收缩，胶条可以保持初始形状
- 耐久性好， 不褪色，不变色，不开裂，可用于需要永久性弹性粘接的场合

Applications

产品应用

Before application:

- Prior to construction, perform compatibility tests between this flooring adhesive and contacting materials, as well as adhesion tests on substrates to be bonded.

Construction Method:

- The substrate surface to be glued must be dry and clean before application, free of cracks, sanding loss, hollowing and contamination. Any defects above shall be fully cleaned up prior to gluing.
- The flatness of the floor base shall meet construction specifications.
- Suitable for high-temperature working environments; temperature resistance range: -40~90°C.
- Construction temperature shall not be lower than 13°C. Note that different substrates require different applicable temperature ranges.
- Finished Product Protection: No foot traffic on the installed flooring within 5–12 hours after laying. Full serviceability is available after 24 hours. Keep adhesive pails and tools away from flooring to avoid stains and contamination.

施工前:

- 施工前应进行地板胶与所接触材料的相容性试验和与待粘结基材的粘结性试验。

施工方法:

- 被涂胶基层表面在涂胶前必须干燥整洁，不允许有任何的龟裂，起砂，跑砂，空鼓，污染的问题。如果有这些问题，都需要处理干净。
- 地面平整度需要符合施工要求。

- 适合高温场合使用，耐温范围-40~90℃。
- 施工温度不能够低于13℃，还要注意对于不同材料有不同的温度要求。
- 成品保护：铺装完5-12小时内的地板不能上人走动，24小时以后即可投入使用。胶桶和工具要远离地板，确保地板整洁干净不受污染。

Storage

存储要求

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℃的阴凉干燥处，有效期为12个月，建议尽早使用。

Note

注意事项

- Not to be used as structural sealant.
 - Not suitable for frosted or damp surfaces.
 - Not applicable to areas with continuous water immersion or permanent high humidity.
 - Unsuitable for materials that exude grease, plasticizers or solvents.
 - Conduct trial panel tests before mass production.
 - Use within the shelf life; expired products are prohibited from use.
 - Construction shall be carried out strictly in accordance with the procedure of adhesion tests.
 - Avoid direct contact with skin and eyes; do not ingest.
 - Keep away from children and store out of their reach.
 - A tiny amount of chemical substances will be released during curing. Ensure adequate ventilation at the workplace; the cured adhesive is non-toxic to human bodies.
 - Ambient temperature and humidity affect the tack-free time and curing speed of the adhesive. Monitor environmental conditions before construction and adjust operation parameters accordingly.
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- 不能作为结构密封胶使用。
 - 不宜用于结霜或潮湿的表面。
 - 不宜用于连续浸水的地方或终年潮湿的地方。
 - 不宜用于所有会渗出油脂、增塑剂或溶剂的材料。
 - 批量生产前务必进行试板实验。
 - 应在产品保质期内使用，过期产品不得使用。
 - 应严格按照粘结性试验的流程施工。
 - 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。
 - 环境温、湿度对胶水操作（表干）时间和固化速度有一定影响，施工前应关注环境变化情况并及时进行管控或调整。

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 normally available in beige, grey, black and other customizable colors. It is supplied in 600ml soft foil cartridges, and customized filling specifications are available upon customer request.

本产品常规颜色：米黄色、灰色、黑色等各种颜色，均可调制，产品采用600ML软包装，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	Uniform and fine texture, free of bubbles, skinning or gel particles	Uniform and fine texture, free of bubbles, skinning or gel particles	Visual inspection
Tack-free time, min	30-60	60	GB/T 13477.5
Cure rate, mm/24h	≥2	3.0	GB/T 13477.22
Density, g/cm³	1.38±0.03	1.38	GB/T 13477-2002
Hardness, Shore A	35-45	43	GB/T 39693.4-2025
Tensile Strength, MPa	≥1.8	2.3	GB/T 528-2009
Elongation at Break, %	≥300	350	GB/T 528-2009
Viscosity, mpa.s	50000~70000	64000	GB/T 2794-2022
Coating weight	1.0 - 1.3 kg/m²	1.15	Company Standard

检测项目	技术指标	典型数据	检测标准
外观	均匀细腻, 无气泡、结皮或凝胶	均匀细腻, 无气泡、结皮或凝胶	目测
表干时间, min	30-60	60	GB/T 13477.5
固化速度, mm/24h	≥2	3.0	GB/T 13477.22
密度, g/cm³	1.38±0.03	1.38	GB/T 13477-2002
硬度, Shore A	35-45	43	GB/T 39693.4-2025
拉伸强度, MPa	≥1.8	2.3	GB/T 528-2009
断裂伸长率, %	≥300	350	GB/T 528-2009
粘度, mpa.s	5 万~7 万	64000	GB/T 2794-2022
涂布量	1.0 - 1.3 kg/m²	1.15	企标