

Product Name

产品名称

SMT-GP99 Water-Based Eco-Friendly Gap Filler
SMT-GP99 水性环保填缝胶

Description

描述

- SMT-GP99 Water-Based Eco-Friendly Gap Filler is a one-component, water-based acrylic environmentally friendly gap filler. It is suitable for indoor dry-area applications such as joint edge finishing and beautification, as well as crack repair on wall surfaces. It exhibits low internal stress, which helps protect the integrity of paint, wallpaper, or delicate substrates at the joint area. It offers good adhesion to concrete, plastics, wood, and other common building materials.

This product is indicated for:

- Edge finishing and beautification for dry-area applications including cabinets, wall panels, and wallpaper
 - Sealing of gaps around interior doors and windows
 - Edge trimming for skirting boards and PU moldings
 - Repair of cracks on interior wall surfaces
- SMT-GP99水性环保填缝胶是一款单组份、水性丙烯酸环保填缝胶。可用于室内干区接缝收边美容和墙体裂纹修补，具有应力低，能够保护接缝处油漆，墙纸或薄弱基材的完整性。对混凝土、塑料、木材等具有良好的粘接性。

本品适用于：

- 橱柜，墙板和墙纸等干区收边美容
- 室内门、窗周围接缝密封
- 踢脚线和PU线条等收边
- 室内墙体裂缝修补

Properties

产品特点

- One-component, ready-to-use
- Excellent workability
- Anti-sagging
- Outstanding adhesion to various substrates
- Paintable and stainable surface
- Eco-friendly & low odor
- 单组份，即开即用
- 优异的施工性
- 抗流挂
- 对多种基材粘接优异
- 表面可涂漆可上色
- 环保低气味

Applications

产品应用

Before application:

- Prior to application, compatibility tests between the sealant and contacting materials as well as adhesion tests on the substrates to be bonded shall be carried out.

Construction Method:

- All application surfaces must be clean, dry and free of contaminants.
- Fit the cartridge into a suitable caulking gun. Cut the nozzle according to joint width, then extrude sealant into the joint to ensure full contact between sealant and joint edges.
- Compact the sealant with a proper tool and scrape off excess material.

施工前:

- 施工前应进行密封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:

- 施工表面必须清洁、干燥、无污垢。
- 将胶管装在合适的胶枪上，根据接缝宽度切割胶嘴，将胶挤入接缝中，确保胶与接缝的边完全接触。
- 用合适的工具压实密封胶，并刮除多余的胶。

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°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

- Do not use in areas exposed to permanent water immersion.
 - Not to be used for structural joints.
 - Application is not recommended when the substrate surface temperature is below 5°C or above 40°C.
 - Do not apply when relative air humidity exceeds 80% or substrate moisture content exceeds 12%.
 - Application surfaces must be kept clean, dry and free of contaminants.
 - Use within the product shelf life; expired product shall not be used.
 - Application shall be performed strictly in accordance with the adhesion test procedure.
 - Avoid direct contact with skin and eyes. Do not ingest.
 - Keep out of reach of children.
 - The product releases trace amounts of chemicals during curing. Ensure adequate ventilation at the work area. It is non-toxic to human body after complete curing.
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- 严禁用于"长期见水"场合。
 - 不能作为结构性胶缝。
 - 材料表面温度低于5℃或超过40℃时，不宜施工。
 - 空气湿度 > 80%或基层含水率 > 12%不宜施工。
 - 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。

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 supplied in standard 300ml sealant cartridges, 24 cartridges per carton. Custom filling is available per customer requirements.

本产品采用标准的300ML胶料胶瓶包装，24支/箱。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		Fine and uniform paste	Fine and uniform paste	Visual inspection
Density, g/cm ³		1.52±0.03	1.53	GB/T 13477.2-2018
Extrudability, g/5s		≥60 (Nozzle tip diameter: φ3.2 mm, operating pressure: 0.4 MPa)	90	GB/T 13477.4
Sag Resistance	vertical, mm	≤3	0	GB/T 14683-2017
Tack-free time, min		20-30	25	GB/T 13477.5
Cure rate, mm/24h		≥3.0	3.5	GB/T 13477.22
Tensile Strength, MPa		≥0.2	0.25	GB/T 528-2009
Elongation at Break, %		≥100	128	
Hardness, Shore A		35-45	38	GB/T 39693.4-2025

检测项目		技术指标	典型数据	检测标准
外观		细腻、均匀膏状物	细腻、均匀膏状物	目测
密度, g/cm ³		1.52±0.03	1.53	GB/T 13477.2-2018
挤出性, g/5s		≥60 (尖嘴φ3.2mm, 压力 0.4MPa)	90	GB/T 13477.4
下垂度	垂直, mm	≤3	0	GB/T 14683-2017
表干时间, min		20-30	25	GB/T 13477.5
固化速度, mm/24h		≥3.0	3.5	GB/T 13477.22
拉伸强度, MPa		≥0.2	0.25	GB/T 528-2009
断裂伸长率, %		≥100	128	
硬度, Shore A		35-45	38	GB/T 39693.4-2025