

产品简介 Product Description

PU-50 型双组份聚氨酯胶粘剂,无苯、无醛、无溶剂,可室温固化,触变性好、粘结强度高。用于 XPS 挤塑板、EPS 聚苯板与硅酸钙板、发泡水泥板、钢板铝板及大理石、花岗岩的粘接,做成墙体保温装饰一体板;主要优点为耐水、耐寒、耐候性好。

PU-50 is a two-component, solvent-free polyurethane adhesive — free of benzene, formaldehyde and solvent — that cures at room temperature with good thixotropy and high bond strength. It bonds XPS and EPS foam boards to calcium-silicate board, foamed-cement board, steel / aluminum sheet and marble / granite to make external-wall-insulation decorative integrated panels, with excellent water, cold and weather resistance.

技术参数 Technical Data

项目 Item	参数 Value
类型 Type	双组份、无溶剂聚氨酯 / Two-component, solvent-free PU
外观 Appearance	A 组份:白色粘稠液 / White viscous liquid B 组份:深棕色液体 / Dark brown liquid
粘度 Viscosity (25°C)	A:9000 ± 50 mPa · s B:2100 ± 20 mPa · s
混合比 Mixing ratio	A : B = 5 : 1 (重量比 by weight)
比重 Density	1.30 ± 0.11 g/cm ³
固含量 Solid content	≥ 99% (无溶剂 solvent-free)
粘接强度 Bond	剥离时非金属破坏 / On peel, the non-metal substrate fails first

strength

适用时间 Pot life < 15 min (常温 room temp)

涂布量 Coating weight 150 ~ 300 g/m²

固化 Cure 室温固化,固化时间与气温有关 / Room temperature (time varies with temperature)

■ 使用方法 Application

1. 使被粘物表面无油无尘。Make sure both surfaces are free of oil and dust.
2. 按 A : B = 5 : 1 比例用电动搅拌机快速混合均匀(A 组若有沉淀先搅匀)。Mix A : B = 5 : 1 with a power stirrer until uniform (stir settled component A first).
3. 用锯齿刮板手工涂胶或机械辊涂,涂布量 150~300 g/m²。Apply with a notched scraper or roll coater at 150–300 g/m².
4. 辊涂时少量分批倒入胶辊,防止在胶辊上固化。For roller use, pour in small batches to avoid set-up on the roller.
5. 涂胶后复合叠起、加压固化(固化时间与气温有关)。Composite, stack and press to cure (cure time depends on temperature).

注意事项:① 混合后常温适用期约 15 分钟,随用随混;② 挤塑板与挤塑板(XPS-XPS)粘接请用单组份聚氨酯胶。

Notes: ① mixed pot life is ~15 min at room temperature — mix only what you can use; ② for XPS-to-XPS (foam-to-foam) bonding, use a single-component PU adhesive.

■ 包装与储存 Packaging & Storage

包装 Packaging: A 组份 25 kg/铁桶 (iron drum) 、B 组份 5 kg/塑桶 (plastic drum) 。

储存 Storage: 避开日光曝晒,阴凉密封存放。Store sealed in a cool place, away from direct sunlight.

■ 安全防护 Health & Safety

本品无苯、无醛、无溶剂,遵循一般化学品防护措施:保持工作场所通风,佩戴橡胶手套和防护眼镜。如不慎溅入眼睛,先尽快用大量清水冲洗,然后请医生处理。

This product is free of benzene, formaldehyde and solvent. Follow general chemical protective procedures: keep the workplace ventilated, wear rubber gloves and safety goggles. If splashed into the eyes, rinse immediately with plenty of water and seek medical attention.

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