

铝蜂窝复合板胶粘剂

Aluminum Honeycomb Panel Adhesive

>> 2K PU (5:1)

产品简介 Product Description

铝蜂窝复合板双组份无溶剂聚氨酯胶粘剂,无苯、无甲醛,触变性好、粘结强度高、不发泡,在室温或加热情况下都能固化,耐水、耐寒、耐候性好。可用于铝蜂窝与硅酸钙板、铝板钢板、大理石花岗岩的粘接。

A two-component, solvent-free polyurethane adhesive for aluminum honeycomb composite panels – free of benzene and formaldehyde, thixotropic, high bond strength and non-foaming, curing at room temperature or with heat, with excellent water, cold and weather resistance. It bonds aluminum honeycomb cores to calcium-silicate board, aluminum / steel sheet and marble / granite.

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
产品颜色 Color	A 组份:白色粘稠体 / White viscous body B 组份:棕色液体 / Brown liquid
粘度 Viscosity	A:9000 ± 100 mPa · s B:2100 ± 50 mPa · s
混合比 Mixing ratio	A : B = 5 : 1 (重量比 by weight)
产品比重 Density	1.30 ± 0.11 g/cm ³
固体含量 Solid content	≥ 99% (无溶剂 solvent-free)
抗拉强度 Tensile strength	金属-金属 ≥ 6.0 MPa; 金属-非金属:非金属破坏 Metal-metal ≥ 6.0 MPa; metal-non-metal: substrate fails
介质溶蚀 Media	对聚苯乙烯泡沫不溶蚀 / Does not dissolve polystyrene foam

resistance

适用时间 Pot life ≤ 15 min (常温 room temp)

涂布量 Coating weight ≈ 300 g/m²

固化 Cure 室温加压固化,或 80°C $\times 20$ min 加温加压 / Room-temp under press, or 80°C $\times 20$ min

阻燃 Flame spread 符合低播焰试验程序 / Complies with low-flame-spread test procedure

■ 使用方法 Application

1. 清除被粘物表面的油污、灰尘、锈斑及水份,使之成为清洁表面。Remove oil, dust, rust and water from the surfaces.
2. 将 A、B 组份按重量比 5:1 倒入广口桶,用电动搅拌器迅速搅匀后立即倾倒在被粘物上。Pour A : B = 5 : 1 into a wide bucket, stir quickly with a power mixer and pour immediately.
3. 用锯齿型刮板手工单面涂胶,涂布量约 300 g/m²,以增加对铝蜂窝的接触面;机械辊涂时少量分批混合。Single-side coat with a serrated scraper at ~ 300 g/m² to maximize contact with the honeycomb; for roller use, mix in small batches.
4. 复合后层层叠起加压固化,确保被粘物与胶充分接触;也可 80°C 加温 20 min 加压固化。Composite, stack and press; or cure 20 min at 80°C under press.

注意事项:① 自搅拌起常温桶内适用期约 15 min,气温高则缩短,随用随混;② A 组份若有沉淀,使用前先充分搅匀,不影响使用。

Notes: ① pot life ~ 15 min at room temperature (shorter when hot) — mix only what you can use; ② stir settled component A before use.

■ 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: 常温仓库存放,避开日光曝晒和冰冻。Store at ambient temperature, away from direct sunlight and freezing.

■ 安全防护 Health & Safety

本品无苯、无甲醛,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。B 组份(异氰酸酯)避免吸入与皮肤接触。如溅入眼睛,立即用大量清水冲洗并就医。

Free of benzene and formaldehyde. Follow general chemical protective procedures: keep the workplace ventilated, wear rubber gloves and safety goggles. Avoid inhalation and skin contact with component B (isocyanate). If splashed in the eyes, flush with plenty of water and seek medical attention.

江阴办事处地址：江苏省江阴市砂山路 4 号 | 电话 TEL: 0510-8160 2933 | 邮箱 E-mail:
info@puglue.com | www.puglue.com