

产品简介 Product Description

PU-50C 型双组份聚氨酯粘合剂,专用于透水路面(胶粘石)。对米粒石等骨料附着力好、粘结强度高,常温固化,固化物不溶不融,可耐受强大冲击力而不致路面破裂,耐水耐寒。透水路面为环保生态型路面:能有效防止积水、维护地下水及土壤生态平衡;夜间不反光;独特孔隙结构吸热储热接近自然地面、缓解城市热岛;孔隙率大,吸音减噪、减少扬尘。适用于市政人行道、自行车道、园林景观及城市广场。

PU-50C is a two-component polyurethane binder for permeable resin-bound stone paving. It bonds aggregate strongly, cures at room temperature to an insoluble, non-melting film, withstands heavy impact without cracking, and resists water and cold. The permeable surface drains rainwater, recharges groundwater, eliminates night glare, absorbs noise and dust, and helps cool the urban heat-island — for municipal sidewalks, cycle paths, landscapes and city plazas.

技术参数 Technical Data

项目 Item	参数 Value
类型 Type	双组份聚氨酯 / Two-component polyurethane
产品外观 Appearance	淡黄色液体 / Light-yellow liquid
产品粘度 Viscosity	3500 ± 100 mPa · s
混合比 Mixing ratio	A : B = 2 : 1 (重量份,非体积份 by weight, not volume)
固体含量 Solid content	85%
产品比重 Density	1.00 ± 0.10 g/cm ³
产品硬度 Hardness	70 ± 3 Shore D

抗拉强度 Tensile strength	≥ 15 MPa
撕裂强度 Tear strength	≥ 50 N/mm
适用时间 Pot life	≥ 15 min (100 g)
固化时间 Cure	初固化 3 h; 基本固化 24 h / initial 3 h, full 24 h

■ 使用方法 Application

1. 清理道路基面,使地面无油污、无浮灰,修补破损路面。Clean the base free of oil and dust; repair any damaged areas.
2. 按 A : B = 2 : 1 (重量份)搅拌混合胶粘剂,再与骨料拌匀。Mix the binder A : B = 2 : 1 by weight, then blend with the aggregate.
3. 铺平、压实,等待固化。Spread level, compact, and let cure.

注意事项:① A:B = 2:1 为重量份,非体积份; ② 地面潮湿不能施工; ③ 不可自行添加稀释剂。

Notes: ① A:B = 2:1 is by weight, not volume; ② do not apply on damp surfaces; ③ do not add thinner.

■ 包装与储存 Packaging & Storage

包装 Packaging: A 组份 14 kg/铁桶 (iron drum) 、B 组份 7 kg/塑桶 (plastic drum) 。

储存 Storage: 常温仓库存放,避免曝晒。Store in an ambient-temperature warehouse, away from direct sunlight.

■ 安全防护 Health & Safety

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。

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.