SPC-H250CR
Resin-Bound Permeable Paving Binder

PRODUCT DESCRIPTION

Two-component polyurethane binder for bonded-aggregate permeable paving.

APPROVED APPLICATION SCOPE

Walkways, garden paths, squares, residential areas, parking areas and outdoor sports surfaces. Aggregate grading, moisture and site temperature must be controlled.

TECHNICAL DATA

Property	NC-verified value
Mix ratio by weight	A:B = 2:1
Appearance	A: light-yellow liquid; B: white liquid
Viscosity at 25 °C	A: 3500 ± 100 mPa·s; B: 210 ± 50 mPa·s
Open time at 25 °C	20–25 minutes; customizable
Aggregate:binder ratio	30:1 by weight
Initial / basic / final cure	≤ 3 h / 24 h / 7 days
Tensile strength	≥ 15 MPa
Tear strength	≥ 50 N/mm
Hardness	70 ± 5 Shore D
Solid content	85%

DIRECTIONS FOR USE

- Prepare a clean, dry base and use clean, dry graded aggregate.
- Weigh A and B at 2:1 by weight; mix for 1–2 minutes to uniform consistency.
- Blend aggregate and mixed binder at 30:1 by weight until each stone is evenly coated.
- Place, level and compact. Protect during cure; final strength develops after seven days.

STORAGE & PACKAGING

Store dry, cool and sealed. Shelf life: six months unopened. Confirm package size on the sales order.

CONTROL NOTE Solid content is stated at the NC supplier-truth value of 85%; the superseded ≥95% claim is not used.

SAFETY & LIMITATION

For professional or industrial use only. Read the current Safety Data Sheet before handling. Wear suitable gloves and eye protection, ventilate the work area and keep containers closed. This TDS provides guidelines, not a production specification. The purchaser must validate suitability, process settings and finished-product performance under actual operating conditions.