



TECHNICAL DATA SHEET

Pro Builders PB-1018 POLYURETHANE - POLYUREA HYBRID MEMBRANE

PRODUCT

PB-1018 POLYURETHANE – POLYUREA HYBRID MEMBRANE

DESCRIPTION

PRO BUILDERS PB-1018 is a hand applied , solvent free, two component, self-leveling, polyurethane – polyuria hybrid based, elastomeric coating. This system is slightly thixotropic so that it can be applied to ramps as well as to horizontal surfaces with the on-site additional of thixotrope. PRO BUILDERS PB-1018 is used in a variety of general concrete waterproofing applications including balconies, terrace, podium decks and car park decks. It is also used in roofing applications.

FEATURE

- ✚ Excellent mechanical properties and resistance to puncture.
- ✚ Thermoset - doesn't not soften at high temperatures.
- ✚ Remains elastic at low temperature.
- ✚ Excellent crack bridging capability.
- ✚ Can be re-coated after only a few hours.
- ✚ Solvent free.

USAGE

- ✚ Waterproof construction: factories, mansions, barrack, etc.
- ✚ Impervious project, external or internal walls, basements.
- ✚ Indoor or outdoor floors, waterproofing park lots.
- ✚ Indoor or outdoor aisles, square, stadiums waterproofing floors, etc.

PACKAGING AND STORAGE

Component A – 10kg, Component B – 18kg

Packaging: 28kg two drum / set

Storage: Shelf time 12 months, store in a cool, dry place. Prevent exposure to sunlight.

PERFORMANCE DATA

Mixing ratio	WP – 1018A 10	WP-1018B 18
Mixed density	Kg/m ³ at 23°C	1.28
Mixed viscosity	cps at 23°C	5200
Working time (approx.)	At 10°C At 20°C At 30°C	35 min 25 min 15 min
Re-coating interval	At 10°C At 20°C	8 hr above 5 hr above

TECHNICAL DATA (CURED MATERIAL)

Hardness	Shore A	70
Tensile strength	Kgf/cm ²	150
Tear strength	Kgf/cm	55
Elongation	%	700

LIMITATION

- ✚ Do not apply to damp surface.
- ✚ The surface should be clean and free from oil and grease.