

Proflex PU2/T

Flexible Tar Epoxy Urethane Joint Sealant

Description	It is 100% solids two-component hybrid containing both tar epoxy and urethane resists to provide a flexible filler for expansion joints. It is supplied in a black color not resistant to acids & chemicals.
Where to use	• Expansion joints. • Garages. • Marine decks.
Advantages	• 100% solids with Zero VOC. • Low odor. • Paintable. • Hybrid epoxy urethane.
Properties	It complies with ASTM C-920, Type M, Grade P, Class 25, use T, NT, C-794, D-412, D-790, D-4060, D-2240
Density	1.5 ±0.1 g/cc.
% Vol. solids	100%
VOC	0 gm/L
Color	Black
Hardness	50 - 55 (shore D)
Viscosity	40,000-60,000 cps
Abrasion resistance	25-28 mg loss
Tensile strength	0.85-0.89 N/mm ²
%Elongation at break	200-207%
Adhesion to concrete	0.35 - 0.41 N/mm ²
Pot life	30 - 40 minutes Recoat
or topcoat	10 -12 hrs.
Light foot traffic	24 hrs.
Full Cure	3 - 5 Days @ 23 °C & R.H. 50%
How to use	• All joints must be clean, sound, and dry, free from oil, dust, laitance and others. • All loose concrete must be repaired with (Kemrepair EP) to get strength, sound edges. • Use a backer rod Kemrod to adjust Width : Depth ratio to 1:1 or 2:1 For vertical surfaces, a low viscous, non-sag version is to be used.
Mixing	• Mix (A&B) well for (2-3) minutes to get uniform mixture. • Improper mixing will cause incomplete cure, soft spots. • Avoid high-speed mixing.

Application	• No primer is required, if necessary use (Bonding Primer) and leave it to dry. • Place the mixed product into joints with a margined trowel putty knife. • Remove any excess material before curing. • Let the product become tack-free then use a razor scraper to remove the excess above the surface plane. • Application temperature 10-30 °C • Top coating can be used if necessary using a acrylics or polyurethane products especially when excessive movement is involved but use the proper primer.
Theoretical coverage	Min. Depth : 12 mm. Max. Width : 35 mm. Width : Depth ratio 1:1 or 2:1 1.5 Kg / 10 Lm for a joint 10 mm × 10 mm
Packaging	1 Kg & 5 Kg cans (A&B)
Shelf life & Storage	6 months if stored properly in original unopened packaging.
Cleaning	Use Prosolve PU for cleaning.
Health and Safety	• Use goggles-gloves and a breathing mask when applying. • Apply forced ventilation in confined spaces. • Remove splashes from skin with hand cleanser or soap and water. • Eye splashes to be washed with plenty of water.
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.