

Proflex PU2

Two Component Polyurethane Sealant (Grade II & II)

Description	<p>It is a two-components polyurethane sealant, it is pourable, cold applied & contains no pitch or tar.</p> <p>It complies with U.S. Federal specs. TT-S-0027 E class A type I (grade I).SS-S-200 type M (grade II).ASTM C920 U Type M, Grade P, Class 25, Uses T, NT.</p>
Where to use	<ul style="list-style-type: none"> • It is to seal induced and movement joint to withstand traffic, chemical attack, and heat at the following: • Food & Metal processing industries. • Engineering industries. • Chemical and pharmaceutical plants. • Airports, petrol stations, bridge joints..
Advantages	<ul style="list-style-type: none"> • Resistant to chemicals, oils, hydraulic fluids, fuels & jet blasts. • Wear resistant, Weather & UV resistant. • Excellent adhesion, flexibility & elasticity. • Easy to apply.
Properties	
Density	1.30 ±0.1 kg/l
%Elongation at break	>50%
Tensile strength	1.6 - 2.0 N/mm ²
Hardness shore A	50 - 80 Grade I 10 - 20 Grade II
Viscosity @24°C (base & curing agent)	< 150 Pa.s
pot life @23 °C	30 minutes
light traffic @23 °C	24 Hours
Full traffic @23 °C	3 Days
How to use	<ul style="list-style-type: none"> • It is vital to ensure successful application and performance that all surfaces to be sound, clean and dry. Remove any grease , oil or contamination's completely.
Mixing	<ul style="list-style-type: none"> • Mix two components at the supplied ratios using a slow-speed stirrer (400 rpm) for 1-2 minutes.
Application	<ul style="list-style-type: none"> • fill joints at temperature between 5 - 32 °C, High temp. will decrease pot life & accelerate curing. • Apply a primer Wetseal PU if needed to the substrate with a brush leave to dry for 1hour. • Ensure free movement of the joint by installing a backing material • While the primer is tacky pour the mixed sealant to fill the joint flush to the surface. • Use a spatula to remove trapped air. • The sealant can be applied on angled surfaces up to 2% without slumping. • Use Kemrod to adjust depth. • Remove self-adhesive tape from joint sides after curing.
Theoretical coverage	<p>260 g/ Lm for joint's Width : Depth 20: 10 mm respectively</p> <p>Min. width 10 mm</p> <p>Max. width 30 - 50 mm</p>

Packaging	5 & 20 Kg (A , B) cans
Shelf life & Storage	6 months if stored properly in original unopened packaging.
Cleaning	All tools should be immediately cleaned with Prosolve PU .
Health and Safety	<ul style="list-style-type: none">• Use goggles-gloves and a breathing mask when applying.• Apply forced ventilation in confined spaces.• Remove splashes from the skin with a hand cleanser or soap and water.• Eye splashes are to be washed with plenty of water.
Additional Information	<p>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.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>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.</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.</p>