

Flexijoint

Flexible, Cold Curing, Fuel Resistant and Non-Toxic Joint Sealing Compound

Description	Flexijoint is a two-components joint sealant based on a modified combination of coal tar-pitch epoxy system and special filler. It is a flexible, cold-curing, fuel-resistant, and non-toxic joint-sealing compound.
Where to use	Flexijoint is used for horizontal joints exposed to fuel spillage, seawater, acids, and alkalies such as: <ul style="list-style-type: none"> • factory floors • stores Flooring • Stations
Advantages	<ul style="list-style-type: none"> • Easy to use. • Flowable. • Flexible. • Resistance to a wide range of chemicals and corrosion vapors • Permanently elastic.
Properties	Note that temperature variation changes these figures.
Specific gravity	1.4
Solids content	100%
Flash point	120 °C
Pot life @ 23 °C	45 min.
Cure time @ 23 °C	Initial: 24 hrs
Full cure @ 23 °C	7 days
Color	Black
Movement capacity	10% of joint width
Mechanical properties After 7 days @ 23 °C	
Tensile strength	13.7 N/mm ²
Elongation	68%
Tear resistance	1.82 N/mm ²
Full Hardening	7 days
How to use	<ul style="list-style-type: none"> • Joints must be clean, sound, dry, and free from dust, grease, oils etc. • Tapping joint edges with masking tapes is preferable. • Insert a fitting Kemrod to the required depth 20 – 30 % larger than the joint width • Fill the joint avoiding air entrapment • Press the sealant against the joint flanks to ensure good adhesion • Remove the masking tape before skin formation of the sealant
Mixing	<ul style="list-style-type: none"> • The two components must be mixed thoroughly using a stirring paddle fitted to a low-speed electric drill.
Application	<ul style="list-style-type: none"> • The uniform mix is applied by pouring or using a suitable gun. • Masking tape to be removed after the pot life of the mix. • Protect against exposure to oil for at least • one week. • Application temperature +5 °C : +30 °C

Theoretical coverage	1.4 Kg/ 10 Lm for a Joint 10 mm × 10 mm
Packaging	Flexijoint is available in 5 Kg units as two-components A & B
Shelf life & Storage	Flexijoint has a shelf life of 12 months if kept in original packing in a dry condition
Joint configuration	Min. depth: 5 mm. Max. joint width: 35 mm Width to depth: 1:1 to 3:1
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 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>