

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: • factory floors • stores Flooring • Stations
Advantages	• 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	• 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	• The two components must be mixed thoroughly using a stirring paddle fitted to a low-speed electric drill.
Application	• 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	• 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	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.