

Kemjoint E/Novolac

Three-Component, Epoxy Novolac Based, Jointing Compound

Description	Kemjoint E/Novolac is a three-component epoxy Novolac system developed for use in conditions where a high degree of hygiene is important. It has good application properties and can be washed off with a special solvent. When cured, Kemjoint E/Novolac possesses the very good water resistance, chemical resistance, and adhesive properties of epoxy resin, and provides an impervious, non-shrink compound that can be readily maintained in a serial condition.
Where to use	• Kemjoint E/Novolac is used where a high degree of hygiene is important, e.g. hospitals, food factories, abattoirs, and swimming pools • It is also suitable for use in showers, splash backs, tiled works surfaces, and tabletops
Advantages	• It is a bacteriological resistance material • It is a chemical resistant material • Easy to apply & water proof • Temperature resistant up to 100 °C
Properties	It Complies with EN13888, ANSI A118.3, EN12808-2,3,4,5
Pot life a@ 23 °C	50 minutes (reduced at higher temp)
Initial hardness	18 hours @ 23 °C
Fully cured	7 days @ 23 °C
Specific gravity	1.86 ±0.08
Coefficient thermal of expansion	$60 \times 10^{-6} / ^\circ\text{C}$
Modulus of elasticity	2000 N/m ²
How to use	• Leave tiles overnight to dry before jointing • Remove all loose materials and dust • Kemjoint E/Novolac is supplied in three separate containers, marked resin, hardener and the filler packed in a carton • Add all the contents of the hardener container to the contents of the larger resin container • The two components must then be mixed thoroughly until a uniform color is achieved • Next the filler is slowly added and is stirred in and kneaded till it is evenly wetted • The mixing time is about 5 minutes • The grout is then ready for immediate use
Application	• Kemjoint E/Novolac is particularly suitable for use at temperatures between 10 °C and 30 °C • Kemjoint E/Novolac should be applied with a palette knife or plastic spatula • It may also be applied in a conventional way but this method may result in some wastage and more cleaning off may be necessary • Work in small areas, e.g. about 0.5 sq.m. at a time
Theoretical coverage	One set of 30 Kg will yield approximately 16 liters ± 8%
Packaging	Three-pack system. 30 & 10 Kg

Shelf life & Storage	Kemjoint E/Novolac has a shelf life of 12 months if kept in original packing in dry condition
Cleaning	Clean all tools and equipment immediately with the proper solvent and if dry clean mechanically
Health and Safety	• Any splashes to the skin should be washed immediately with water • Splashes to the eyes should be washed immediately with water and medical advice should be sought
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