TRIKOL EP1000

TWO PART EPOXY SEALANT

TRIKOL EP 1000 is a unique two part Epoxy sealant which cures to form a hard wearing seal, designed to accommodate small amounts of movement in extension but considerable movement in compression.

Recommended for use in a variety of internal stress relief joint systems where continual water resistance and a high degree of chemical resistance (especially to common cleaning substances) are required.

Main Applications

Swimming pools, compression joints, tile to tile joints (no primer required), long term water immersed joints, shower rooms.

NB. Not recommended for structural joints

Packaging

1KG, with separate tins for Base and Hardner.

Colours

Off White, Grey

Application Instructions

Joint Preparation

The joint surfaces must be clean and free from all contamination. Surfaces should be degreased using the appropriate surface cleaner.

Mixing

The ratio of base to curing agent controls the performance properties of *TRIKOL EP1000* and tins are filled off to an exact mixing ratio. It is vital therefore that the whole contents of the curing agent tin are added to the base tin. The 2 components must be thoroughly mixed to ensure complete homogeneity (Spiral "pig tail" mixing equipment is recommended).



Application

The usual application method once mixed is to fill the sealant into empty cartridge dispensers using the follower tin supplied with the pack. The cartridge is placed over the hole in the centre of the plate and filled by applying steady downward pressure. Insert the plunger into the cartridge and the mixed sealant is then ready for application using an Caulking Gun. The sealant should be extruded firmly into the joint by maintaining an even pressure on the trigger of the gun.

Typical Shore D Hardness 80-90
(cured at 20°C)
Work Life 45 minutes
(Typical at 20° C):
Application Temperature +10° C to + 40° C
Service Temperature -20° C to +90° C
Cure Rate (at 20° C): 48 hours. At lower
temperatures cure rate
will be extended.

Movement Accommodation: Tension 5%, Compression 50 %.

Joint Backing

Where applicable, appropriate joint filler, e.g. closed cell polyethylene foam should be used to provide the correct joint depth.

Joint Size Suitability

Joint Width: Minimum 6mm Maximum 20mm (single application) Joint Depth Minimum 10mm on porous substrates Minimum 6mm on non porous substrates Maximum 10mm

Chemical Resistance: Resistant to most alkalis and dilute acids, petrol, diesel, jet fuel. Resistant to most cleaning chemicals used in swimming pool situations

Packaging,

1KG, with separate tins for Base and Hardener

Health and Safety.

Base component is epoxy resin and curing agent contains polyamide and Epoxy. Both components require careful handling.

Service Life: 15 years + in non critical applications. Use in swimming pools will lower this figure (depending upon application performance required).

Mfg & Marketed by:-

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