



HIND SEALANT E

PRODUCT DATA SHEET

TWO COMPONENT EPOXY PUTTY/SEALANT/ADHESIVE

DESCRIPTION

Hind Sealant E is a two component epoxy sealant comprising resin and hardener and premixed special filler. The components are pre measured and fully mixed at a time and consumed.

USES

Hind Sealant E is used as sealant for fine cracks in structural members, tile joints, metal joints, sealing holes for complete water tightness etc.

ADVANTAGES

- Excellent bonding with substrate
- Easy to mix and apply.
- Complete water tightness.
- Hardens after setting and thus not damaged by sharp objects.
- Can be applied without primer also
- Painting can be done over **Hind Sealant E** surface

APPLICATION

Mixing

Entire contents of Comp-A and Comp-B are to be taken on a clean mixing tray and thoroughly mixed by a metallic spatula.

Surface Preparation

The contact surface between the putty/sealant has to be thoroughly cleaned from all dust, dirt oily or greasy materials and dry. Priming with **Hind ERS 21P** is required for porous substrate and substrates which are subjected to movement. If cracks are filled with Hind Sealant-E it is to be chiselled for making V groove about 10mm -12 mm deep and wide and to be primed with **Hind ERS 21 P** before application of sealant. After the sealant is applied it is to be tooled with a sharp knife.

PROPERTIES

Aspect	Comp A-Semi Solid Paste, Comp.B –Semi Solid Paste
Colour	Off white (Mixed material)
Density	1350 – 1400 Kg/m ³ (Mixed material)
Working Time	40-45 minutes at 27 ⁰ C ±2 ⁰ C
Compressive Strength	Min 30 N/mm ² ± 2N/mm ² in 24 hours at 27 ⁰ C ±2 ⁰ C 70 N/mm ² ± 5 N/mm ² in 7 days at 27 ⁰ C ±2 ⁰ C
Bond Strength	1.5 to 2 N/mm ² in 7 days at 27 ⁰ C ±2 ⁰ C
Tensile Strength	14-17.5 N/mm ² in 7 days at 27 ⁰ C ±2 ⁰ C
Flexural Strength	25-35 N/mm ² in 7 days at 27 ⁰ C ±2 ⁰ C
Chemical Resistance	Is not affected by wide range of chemicals, oils etc.
Shrinkage	Non-shrink

SHELF LIFE

12 months from the date of manufacture in unopened condition and stored in a cool place under shade.

PACKING

3 Kg Container

HANDLING PRECAUTION

Hind Sealant E is non-toxic. Any splashes to the skin or eyes must be washed with clean water immediately.

Note:

- Hindcon Chemicals maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
 - The content of the Technical datasheet are for general information and guideline. The results shown here are generated from our laboratory or from our site experiences.
 - Qualities of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
 - Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
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