



HIND CRACK SEAL 400

PRODUCT DATA SHEET

SINGLE COMPONENT READY TO USE FIBER REINFORCED ACRYLIC BASED CRACK SEALING COMPOUND FOR INTERNAL & EXTERNAL SURFACE CRACK

DESCRIPTION

Hind Crack Seal 400 is a single component, ready to acrylic based, fiber reinforced ready to use crack sealing compound for both internal and external surfaces. It possesses the unique property of crack bridging for plaster cracks up to 3mm width.

USES

It is used for crack sealing of both internal and external surfaces on masonry surfaces such as AAC Blocks, bricks or plaster. It is also suitable for filling of fine and 3mm in wide cracks developed on concrete surface due to improper curing/thermal cracks, prior to application of waterproofing polymer coatings.

ADVANTAGES

- Easy to use, available in pasty form.
- Crack bridging capacity for filling of cracks up to 3mm width.
- Higher elongation film having capability to accommodate movement.
- Can be used to seal moist cracks but not on cracks with running water.
- Non -Shrink.
- Water resistant hence water ingress through cracks is stopped.
- High mechanical strength is obtained due to content of fiber reinforcement.
- Self-curing and excellent adhesion to substrates like plaster, wood, gypsum, asbestos, POP etc.
- Can be used for both vertical and horizontal application.
- Easily over coated with any type of emulsion paints.

APPLICATION

Cleaning & widening of Cracks

The cracks to be widened to 'V' shaped groove, 1mm minimum for finer cracks and 3-4 mm minimum for wider crack (3mm wide) to provide a strong adhesion of the compound to the substrate. The widened cracks to be cleaned properly by wire brushing/air blowing to make it free from dust, loose particles. We recommend cutter for widening the cracks.

Priming

After cleaning the cracks, apply single coat primer by diluting, **Hind Crack Seal 400** with water in the ratio **1:1** and applied by brush over the crack. When the primer becomes tacky the crack is filled with **Hind Crack Seal 400** with a spatula/putty knife and leveled with the surface. Ensure that no cavity or bubbles are formed while application. It should not be disturbed and allow it to set for 24 hours. If any sag or depression is noticed a second coat is applied over the first coat. After it gets full dry, POP, putty or emulsion can be applied over the filled in cracks. For best results allow the treated surface to cure for 7 days.

Cleaning of Tools

All tools and equipment to be washed with water immediately after use. Hardened materials can only be cleaned mechanically.

PRECAUTIONS

- Do not seal cracks which are more than 3mm width.
- Use the compound to seal only plaster cracks.
- Structural Cracks are to be sealed with **Hind Patch R**.

Coverage

For Plaster Cracks **3mm in width and 5mm depth**, two coats are recommended with a coverage of **40-50 R.Mtr.** depending on the profile of the crack.

Cleaning of Tools - Clean all tools with water. Avoid hardening of the materials otherwise to be cleaned by mechanical abrasion.

PROPERTIES

Aspect	White Paste (Can be supplied as per desired colour)
Chemical Base	Acrylic Paste
Density	1.45 ± 0.1 Kg/Ltr
Drying Time	8-10 hours depending on temperature & humidity

SHELF LIFE

Best before **12 months** from the date of manufacture in unpacked condition. Should be stored in a cool and dry place.

PACKING

Available in **1 Kg Plastic Container**

HANDLING PRECAUTION

Hind Crack Seal 400 is non-toxic and ingestion is to be avoided. If contact with eyes occurs, wash well immediately with water and seek medical advice.

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 result shown here are generated from our laboratory or from our site experiences.
- Quality 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.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

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