



HIND MARBO FILL

PRODUCT DATA SHEET

TRANSPARENT POLYESTER RESIN BASED MARBLE FILLER

DESCRIPTION

Hind Marbo Fill is a transparent two component compound based on unsaturated polyester resin and is made UV stabilized by dissolving in styrene.

USES

Hind Marbo Fill is mainly used in stone processing industry for filling and bonding of light/white, transparent crystalline natural stones. The liquid consistency and colourless transparent appearance of the product makes waterclear bonding and the stereoscopic structure of the stone is well maintained. The edges and corner or bigger holes on the stone can be filled by adding a little quantity of polyester colour paste to **Hind Marbo Fill**. Using **Hind Marbo Fill**, the appearance obtained a very similar to the stone and bonding of joints achieved is almost invisible. We recommend mixing crushed granular material with **Hind Marbo Fill** while working with crystalline natural stone, so that the crystal structure of the stone is imitated.

ADVANTAGES

- It provides a very high adhesion on natural stones.
- Has a wide field of application due to its varied consistency.
- Due to slow hardening/setting and low tensions corners, edges and bigger defects can be filled easily.
- Resistant to water, petrol and a wide range of mineral oils.
- Can be easily polished.
- Transparent hence can be applied on light coloured , mainly transparent crystalline natural stones.

APPLICATION

Before application the surface is to be cleaned, made completely dry and slightly roughened. Mix **1-2 gms** of **Pack B (Hardener)** (30-70 drops) to **100 gms of Pack A. (Resin)** thoroughly. The mixed material to be used up within **5-8 minutes at 27^o C**. After air curing **6-8 hours** the treated portion can be exposed to withstand strain and after **12 hours** it can be processed further. The hardening of the mix is accelerated at higher temperature and delayed at cols temperature. Tools used for application to be cleaned with **MEK/Xylene/Toluene**.

PROPERTIES

Aspect	Honey Yellow, transparent when cured.
Specific gravity	1.01 ± 0.05 at 27 ⁰ C.
a) Working Time /min at 27⁰ C	
Using 1% Hardener	10-12 mins
Using 2% Hardener	6-8 mins
b) With 1.5% Hardener	
At 25 ⁰ C	8-12 mins
At 27 ⁰ C	4-5 mins
At 30 ⁰ C	3- 4 mins
Tensile Strength	40-50N/mm ²
Bending Strength	80N/mm ²
Compressive Strength	1500-1600N.mm ²

SHELF LIFE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2⁰ C (Min.) and 35⁰ C (Max.).

PACKING

250 gm & 500 gm Kit (Pack A & Pack B)

HANDLING PRECAUTIONS

Hind Marbo Fill is non-toxic and inhalation to be avoided. Any splashes to skin if happens, wash with water. If contact with eyes occurs, immediately wash 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.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

Office:

62B, Braunfeld Row, "VASUDHA", Kolkata - 700027

Tel: 24490839. Fax: 24490849

E-mail: contactus@hindcon.com, hindconchemicals@yahoo.com

Factory:

Baniyara, Jalan Complex, Gate No.3

Howrah – 711 411

www.hindcon.com