

# HIND GROUT PGM

GUN GRADE PUMPABLE MORTAR



## DESCRIPTION

**Hind Grout PGM** is a cementitious based polymer based ready mix pumpable/gun grade mortar. It consists selected fillers and high-quality additives for sealing of joints in brick masonry, natural stones, filling of tie rod holes and slit holes in concrete.

## USES

Hind Grout PGM is used for filling tie rod holes/slit holes in concrete and joints in brick masonry and natural stones.

## ADVANTAGES

- Ready to use only addition of water is required as per desired consistency.
- Non-Shrink.
- Controlled fluidity.
- Watertight Joints and holes.
- Self-cured.
- Excellent bonding properties with all substrates.
- Uniform and smooth finish.
- Speedy completion of work due to easy application process.
- Ensure negligible wastages.

## APPLICATION

### Surface preparation

All holes/ slit and joints to be treated should be properly prepared prior to application of **Hind Grout PGM**, which should be free from dirt, algae, grease, oil, dust, laitance and bonding inhibiting agents. The surface should be cleaned following suitable methods like by wire brushing, water jetting, mopping etc.

### Mixing

After cutting the tie rod to a depth of 15 mm, it should be filled within 60 minutes after mixing **Hind Grout PGM**. Suitable mortar gun is to be used to pump the mortar into the holes. Putty blade, spatula or any suitable tools is used for final finish. It is recommended to clean the surface with wet cloth/sponge prior to application of **Hind Grout PGM**.

**Note:** Allow 24 hours for subsequent usage of **Hind Grout PGM**. It should not be used if temperature drops below 5°C and exceeds 50°C. If used below 20°C the setting time is extended for further times than normal setting.

## PROPERTIES

Aspect	Powder available in various color (As per RAL color code)
Density	1450-1550 Kg/m <sup>3</sup>
Water Powder Ratio	24-25% by weight
Pot Life at 25°C	60 minutes
Compressive Strength @ 28 days	12-15 Mpa
Flexural Strength @ 28 days	35-40 Mpa
Pull Out Adhesion Strength @ 28 days	0.7 MPa @ 3mm thickness under normal conditions
Coverage /25 Kg Bag	320-350 holes of 6mm dia. X 300mm deep cylindrical holes
Shrinkage	Non-Shrink
Curing	Self-Curing
Wastage	Negligible

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## SHELF LIFE

**Best before 6 months** from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 5°C (Min.) and 50°C (Max.).

## PACKING

Available in 25 Kg Poly lined HDPE Bag.

## HANDLING PRECAUTION

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



## IMPORTANT NOTICE :

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.

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