

# REPELMAX

WATER REPELLENT HIGH PERFORMANCE COATING

## DESCRIPTION

**REPEL MAX** is a high-performance, solvent-based water-repellent coating designed to provide superior and long-lasting protection to concrete, brickwork, stone, plaster, and other porous construction surfaces. Formulated with advanced silane/siloxane technology, it penetrates deeply into the substrate and chemically bonds to the mineral surface, creating a strong hydrophobic barrier. This barrier effectively repels water while maintaining vapour permeability increasing the life of the structure.

## USES

**REPEL MAX** offers excellent resistance to rain, moisture ingress, and harsh weather conditions, making it especially suitable for exterior applications and demanding environments. It helps prevent dampness, efflorescence, algae, and fungal growth, as well as surface deterioration, thereby increasing the lifespan of structures. After curing, it forms a transparent, non-glossy finish that does not alter the natural appearance of the treated surface. **REPEL MAX** is UV-resistant, ideal for facades, exposed masonry, heritage structures, and areas requiring deep penetration and long-term water repellency-offering heavy-duty protection. It repels water in bead form, creating a lotus effect on the surface.

## ADVANTAGES

- Easy to apply- It is ready to use, brushable, or spray applied.
- Clear coating- does not stain or affect the surface.
- Economical- Cost-effective & eco-friendly.
- Penetration- High penetration, providing an excellent hydrophobic zone and barrier.
- Protection -Protects the surface & increases the life of the structure.
- UV Resistance- The product is UV resistant, giving longer life to the surfaces & structures.

## APPLICATION

1. The surface to be treated must be clean, dry, and free from dust, dirt, oil, grease, loose particles, and algae. Any cracks, honeycombs, or structural defects should be repaired before application. **REPEL MAX** should be applied to a dry surface, preferably in dry weather.
2. Apply uniformly using a brush, roller, or spray (it can also be applied using airless spray 0.07-0.1 N/mm<sup>2</sup> pressure). The product should be applied generously to allow proper penetration into the substrate. The product can be applied in single or double coats. For improved performance, the second coat is to be applied wet-in-wet to improve penetration rate & performance.



- Allow the treated surface to cure and protect it from rain or water exposure for at least 24 hours after application. Proper ventilation is recommended during application, especially in enclosed areas.

## PROPERTIES

Aspect	Clear, free-flowing liquid
Specific gravity	@25°C-0.8+0.02
Application	Spray or brush
Appearance	Transparent coating
Surface dry time	20-25 minutes
Coverage	75-85 sqft on low-porous substrate/ litre/coat. 100ml will cover 7-9 sqft /litre/coat

## PACKING

100ml, 1ltr, 5ltrs, 10ltrs, 20ltrs

## PRECAUTIONS & LIMITATIONS

- Do not dilute.
- The container lid is to be closed properly after use.
- Before applying other natural stones like sandstone, slate, or Dholpur, sampling should be done on a small area to check its suitability.
- Before taking up the application on a large area, it is advisable to check the performance of the product on a relatively small area.

## SHELF LIFE

Best Before 12 months in unopened condition.

## 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.

Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behaviour 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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