

REPEL PLUS

HIGH-PERFORMANCE NANO TECHNOLOGY WATER BASED REPELLENT HIGH PERFORMANCE COATING

DESCRIPTION

REPEL PLUS is a ready-to-use water-repellent nanocoating based on siloxane-silane polymers. It repels paper, leather, terracotta, fabrics, etc. It works by creating an invisible hydrophobic layer that causes water droplets to bead and roll off the surface rather than soaking in. It can be applied using a brush or spray.

USES

REPEL PLUS is used to provide water-repellent protection to paper & cardboard by preventing moisture absorption and damage, to fabrics and textiles by keeping them dry while maintaining breathability, to leather and faux leather goods such as shoes, bags, and belts by preventing water spots and cracking, to footwear and accessories for improved resistance against rain and spills, to terracotta and clay products including pots, tiles, and handicrafts by reducing water absorption and dampness, to decorative and handicraft items for protection against humidity and accidental splashes, to packaging and storage materials to safeguard goods during transport and storage in humid conditions, and to outdoor utility items such as awnings, covers, tents, and fabric shades to improve resistance to rain and moisture exposure.

It is also used to protect paintings and important documents that are to be preserved and kept for a long time. This protective coat helps prevent water damage, staining, and accelerated wear on treated materials.

ADVANTAGES

- Water-repellent protection: Helps keep surfaces dry by preventing water penetration.
- Versatile material compatibility: Effective on paper, fabric, leather, etc & some porous surfaces like terracotta.
- Invisible finish: Does not significantly alter the appearance or texture of the material.
- Breathability maintained: Especially on textiles and leather, natural moisture escape is preserved.
- Easy application: Spray on a clean surface, let dry naturally.
- Dirt & moisture protection: Reduces dirt buildup and helps surfaces stay cleaner longer.
- Protection- Protects the surface from water, dirt & foreign substances, increasing the life of the substrate on which the coating is applied.

APPLICATION

1. Ensure the surface is clean, dry, and free from dust, oil, grease, or loose particles. Shake or stir **REPEL PLUS** thoroughly before use.



2. Apply evenly using spray, brush, or soft cloth, depending on the surface. Spread uniformly to avoid excess accumulation or patchy areas. Allow the product to penetrate into the surface.
3. Wipe off excess material, if any, with a clean dry cloth. Let the surface dry naturally at room temperature for 24 hours. Protect the treated surface from water during drying.
4. Apply a second coat on highly porous surfaces after the first coat dries. Allow full curing for optimum water-repellent performance.

PROPERTIES

Aspect	Slight Hazy liquid
Specific gravity	@25°C 0.98 +-0.05
Appearance	Transparent coating
Application	Spray or Brush
Coverage	95-120 sqft/litre. Depending on substrate absorbency (100ml will cover 10-12sqft/coat)

PACKING

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

PRECAUTIONS & LIMITATIONS

- Do not dilute.
- The container lid is to be closed properly after use.
- Store the product in a cool & dry place.

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.

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