

**CMI<sup>®</sup> WATERGUARD 390**

*Updated Mar'22*



**DESCRIPTION**

**CMI<sup>®</sup> Waterguard 390** is a ready-to-use, transparent, solvent-based impregnator for use in the protection of natural or synthetic stones, porous tiles and masonry against water staining. It reduces water absorption of the substrates whilst allows water vapour permeability to breathe. It is suitable to be used at both internal and external area.

**USES**

- Moisture sealer for natural stones, quarry tiles, terrazzo, facing bricks etc.
- Water-repellant coating for treatment on cementitious tile grout.

Paint Type	Product Code	Packsize	Finishing	Substrate
Solvent based (Exterior)	390	1L, 5L, 20L	Clear	Natural stones, quarry tiles, terrazzo, facing bricks, tile g routs.

**Technical Data**

Appearance	Clear
Product Consistency	Thin Liquid
Density @ 30°C	Approx. 0.80 g/cm <sup>3</sup>
Inflammability	Flammable
Curing Time	24 hours
Application Temperature	5 – 35 °C

**Recommended Coating & Construction System**

**Used as Impregnating Agent**

Finishing Coat	: CMI <sup>®</sup> WaterGuard	: 2 Pass
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**Used as Sealer / Primer**

Sealer / Primer	: CMI <sup>®</sup> WaterGuard	: 2 Pass
Finishing Coat	: Nippon Paint Durasil	: 2 Coats

**Surface Preparation**

- **CMI<sup>®</sup> Waterguard 390** is supplied ready-to-use. No further dilution is required.
- Preliminary testing on small trial area is important to determine coverage and compatibility of **CMI<sup>®</sup> Waterguard 390** with materials to be treated.
- Surface must be dry and free of contaminants, including previously applied surface sealers, dirt, lime and hard-water deposits. rust and other heavy soil and grime.
- Ensure that the area is well-ventilated during application and until the surface is dry.
- Protect baseboards and tape off surfaces not intended to be sealed.

**Application**

- Apply first coat evenly using brush, roller or spray.
- Allow 5 to 10 minutes for material to soak into surface.
- Apply second coat after approximately 1 hour of initial application. Very porous surfaces may require more than 2 coats for maximum stain resistance.
- Allow at least 24 hours curing time. Within 3 days, the hydrophobic effects are complete. Drying time may be affected by environmental conditions.
- Surface treated with CMI WaterGuard390 should be cleaned at once after contamination with oil, grease, paint or other common household stains. Sealed surfaces should be tested periodically. To test, apply few drops of water on the surface. If the water soaks in, an additional coat of **CMI® Waterguard 390** will be necessary to keep the sealer at its maximum level of performance.

**Coverage**

Depending on porosity of material to be treated:

Low water absorption (< 5%) = 2 - 3 litres/ 100m<sup>2</sup>

Moderate water absorption (<20-30%) = 4 - 6 litres / 100 m<sup>2</sup>

High water absorption(< 35-50%) = 10 - 12 litres/ 100 m<sup>2</sup>

**Cleaning**

Clean up equipment with water immediately after use.

**Safety Precautions**

- Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Precaution should be taken to avoid skin or eye contact or swallowing the product.
- Use adequate ventilation to avoid high vapour concentrations.
- When handling or mixing the product, avoid inhaling vapour.
- In case of inadequate ventilation wear respiratory protection. In case inhaled, remove patient to fresh air and allow to rest.
- In case swallowed, do not induce vomiting. Rinse mouth clear with plenty of water.
- In case contact with eye, immediately rinse with plenty of water and seek medical advice.
- Remove splashes from skin by using soap or water.
- Products must always be stored in a cool, dry and well-ventilated area.
- When transporting the product, care must be taken. Always keep container in a secure upright position.
- Disposal of product should always comply with local and national regulations.

**Shelf Life & Storage**

Approx. 12 months when stored in a tightly closed container in normal ambient temperature and dry conditions.

**Note**

*The information provided on this datasheet is not intended to be complete and is provided as general advise only. It is the user's responsibility to ensure that the product is suitable for its intended purpose. As we have no control over the treatment of the product, the standard of surface preparation, or other factors, we are not responsible for any damages or injury, including but not limited to special or consequential damages which may result from the use of our products, which includes any damages or injury caused by any failure of performance. The information contained in this datasheet may be modified by us from time to time, without any notice arising from our continuous product development activities.*