

META CRÈME™

NEXT GENERATION IMPREGNATING SEALER

META CRÈME™ is the next generation of sealing technology, the ultimate breathable impregnating sealer for protecting natural stone, tiles, masonry, pavers, concrete and grout.



TYPICAL APPLICATIONS:

META CRÈME™ is ideal for indoor / outdoor use on kitchens, bathrooms, entertainment areas, pool surrounds, patios, countertops, floors, walls, building facades, and for public / commercial areas.

BENEFITS:

- Next generation technology = the ultimate penetration and lifespan.
- Super oil and water repellency for superior stain protection.
- Super penetration creates large water and oil-repelling barrier, which provides protection against stains and many serious problems, including efflorescence, picture framing, spalling and freeze-thaw damage.
- Low odor, non-drip white to straw colored cream. Ultra low VOC, fulfills strictest LEEDS requirements.
- Retains a natural color and finish of the surface.
- Easy, one coat application.
- Makes cleaning easier and dries quickly even after heavy rain to keeps surface looking new for longer,;
- Breathable - water vapor escapes freely, helping to avoid harmful moisture buildup inside the treated material.
- Treated areas are food contact safe.
- Alkali resistant - won't break down in contact with cement based materials.
- Can seal hairline cracks up to 0.3 mm (0.012 in.).
- Will maintain a superior gloss level when used to treat highly polished surfaces.

META CRÈME™ TECHNOLOGY:

META CRÈME™ starts working immediately on contact with the surface. Self assembling components enter through the tiny capillaries present in all porous building materials to deeply connect on a microscopic level to the subsurface. The treatment becomes permanently part of the material itself, causing damaging liquids such as oil and water-borne salts to be repelled.

PRECAUTIONS & STORAGE:

Do not take internally. Avoid contact with eyes and skin. Avoid inhaling vapors. No smoking, keep away from sources of ignition. Wear latex gloves, protective clothing and safety goggles during application. Keep container tightly sealed in a cool, well ventilated place. Avoid freezing.

FIRST AID:

If swallowed, contact a physician. DO NOT induce vomiting. If skin contact occurs remove contaminated clothing and wash skin thoroughly. If irritation persists, contact a physician. If in eyes, hold open, flood with water for at least 15 minutes and contact a physician. If vapors breathed relocate to fresh air. If symptoms persist contact a physician.

PACK SIZE

1 Quart (946 mL) recyclable soft pack
2.5 Gallons (9.46 L) bucket
Sizes not available in all countries.

APPLICATION RATES:

The total application rate is approximately one quart per 30 to 100 sq. feet (1 litre per three to 10 sq.m.) depending on absorption. Refer to the minimum Sealer Application Rates table for more information.

ACTIVE CONTENT:

Approximately 50 per cent active content in a hybrid micron particle sized water/non-water colloidal mixture. VOC content meets US EPA < 100 grams per Liter (Method 24, excluding water and exempt compounds). Fulfills LEEDS requirements (META CRÈME™ will qualified for EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings 1 Point). Compliant with EU VOC Directives 2004/42/CE and 1999/13/EC and Environmental Protection Department Hong Kong SAR Government 2007 Regulations.

WARRANTY:

A 15-Year PERFORMANCE WARRANTY is offered when product is applied by an Accredited Applicator and surface is maintained reasonably, as outlined in our warranty document.



VOC CONTENT:

This environmentally responsible, low VOC sealer makes cleaning easier so you use less cleaning chemicals. The creation of a permanent bonding impregnating sealer which is also low VOC is a world first. Our DIY 1 quart META CRÈME™ comes in an award winning, waste-and energy minimizing, recyclable pack. The innovative POS display unit in retail outlets is also made from 80% recycled cardboard, the maximum recycled content, and does not require separate cardboard shipping boxes.

VOC CONTENT: <100 g/L (excluding water) for EPA purposes.

HOW TO USE:

- 1. ALWAYS TEST PRODUCT ON A SMALL AREA FIRST and allow a 24-hour cure time to determine the ease of application and desired results.**
- Surfaces to be treated must be dry, clean and free of residues, and surface temperature between 40 - 95°F (5 - 35°C).
- Generously coat the surface with META CRÈME™ using a foam roller, brush, or similar. Avoid contact with surrounding areas.
- Leave the product to penetrate for minimum 1 hour, then thoroughly polish with a clean dry cloth (or squeegee) to remove ALL excess product. Estimated application rate is 1 quart per 30 to 100 square feet (1 litre per 3 to 10 sq.m.), depending on surface absorption.
- Use fresh water to clean equipment.
- Avoid moisture contact with the surface for a minimum of 12 hours after application.
- Sealer will NOT prevent surface etching, scuffing or wear and may lighten or darken some surfaces. To clean treated surfaces, use a neutral pH detergent in warm water and a soft cloth or mop.

APPLICATION RATES

Surface Type	sq ft/qt	sqm/qt
Basalt - Porous (Chinese)	70	7
Basalt - Dense (European)	120	12
Bluestone (Australian Basalt)	100	10
Bluestone (USA Boston Bluestone)	60	6
Brick	60	6
Poured Concrete Dense	70	7
Poured Concrete Medium	70	7
Concrete Paver (dry pressed)	40	4
Concrete Paver (wet cast)	70	7
Coral Stone	50	5
Granite Flamed	60	6
Granite Honed	80	8
Granite Polished	120	12
Grout Lines	300 linear feet	90 linear metres
Limestone Honed - Dense	70	7
Limestone Honed - Porous	50	5
Limestone Polished	100	10
Marble Honed	100	10
Marble Polished	150	15
Porcelain - Honed and Polished	150	15
Quartzite	100	10
Saltillo	50	5
Sandstone (Indian, hard)	70	7
Sandstone (soft)	40	4
Slate - Dense black	120	12
Slate	70	7
Terracotta dense	70	7
Terracotta porous	50	5
Terrazzo	100	10
Travertine honed	70	7
Travertine polished	100	10
Victorian Encaustic Tile	70	7
Victorian Encaustic Tile - very porous	40	4

ADVANCED APPLICATION GUIDELINES

1. TESTING META CREME™

META CREME™ must be allowed to cure for at least 4 weeks before undertaking testing.

Achieving optimum stain repellence

META CREME's specially designed sealing molecules migrate through the pores and find sites to bond by a process of chemical reaction, over 4 to 5 weeks! As more META CREME™ bonds inside the pores, the material becomes more oil and water-repellent. After 24 hours of cure time, the product will show only adequate stain repellency and zero penetration, but after 3 weeks cure time the results will be significantly better.

Achieving maximum depth of penetration

The modified silane molecules in META CREME™ are hundreds of times smaller than the best modern competitor (fluorocarbon /siloxane) sealers, which cannot penetrate into the pores of dense materials, such as polished granites. With 4 hours of dwell time and 4+ weeks of cure time, typical penetration of META CREME™ into Kashmir white granite is 7 to 13 millimeters.

2. APPLYING META CRÈME™ ON DENSE / POLISHED SURFACES

For extra penetration META CRÈME™ may be left to penetrate for up to 4 hours on smaller polished surfaces such as countertops.

3. APPLYING META CRÈME™ ON SMOOTH SURFACES

Once META CRÈME has been left for at least one hour to penetrate a smooth (honed / polished / antiqued) surface, a squeegee can be used to speedily remove the bulk of the product residue. Then, the small amount of remaining excess product / residue can be easily polished off with dry absorbent cloths. If the META CRÈME™ residue has begun to dry and cannot be polished off with a dry cloth, the cloth can be moistened with a small amount of META CREME™ to aid removal.

4. APPLYING META-CRÈME™ ON HIGHLY POROUS MATERIALS

Highly porous / absorbent surfaces, such as sandstone and soft varieties of limestone should be pre-sealed before applying META CRÈME™. Newly laid floors should also be pre-sealed prior to grouting, so that the grout is easy to remove and does not cause stains. Once the grout is dry and all grout haze has been thoroughly removed, META CRÈME™ can be applied over the tiles and grout. A light sprayed coat of HANAFINN Ole-Repella™ makes a cost effective pre-sealer, and requires only 2-3 hours of drying time before applying grout or a coat of META-CREME™.

5. APPLYING META CRÈME™ ON ROUGH SURFACES

On rough surfaces, globules of META CRÈME™ may collect in gaps and pits. Use a paint brush to remove these globules and spread them out.