

# WATERBORNE DENSE STONE SEALER

PREVIOUSLY KNOWN AS METACRÉME™

Next generation breathable impregnating sealer. The ultimate protection for dense natural stone countertops, floors and wet areas, with the added benefit of protecting grout in a water-based emulsion. Super oil and water repellency for superior stain protection.



## TYPICAL APPLICATIONS

Waterborne Dense Stone Sealer 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

- 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 the 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.

## APPLICATION RATES

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

## VOC CONTENT

VOC (Calculated): < 100g/L (including exempt solvents)

## PACK SIZE

32 fl OZ / .95 L | 180013



FOR MORE INGREDIENT INFORMATION, TECHNICAL DOCS, APPLICATION TIPS & COVERAGE GUIDE, SCAN THIS CODE OR VISIT: [STAIN-PROOF.COM](http://STAIN-PROOF.COM)

## 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.**
2. Surfaces to be treated must be dry, clean and free of residues, and surface temperature between 40 - 95°F ( 5 - 35°C).
3. Generously coat the surface with Waterborne Dense Stone Sealer using a foam roller, brush, or similar. Avoid contact with surrounding areas.
4. Leave the product to penetrate for minimum 1 hour but no longer than 2 hours, then thoroughly polish and remove excess with clean dry cloths (or squeegee). Estimated application rate is 1 quart per 30 to 100 square feet (1 liter per 3 to 10 sq.m.), depending on surface absorption. Applying too much will result in having to remove excess that doesn't absorb and the use of numerous of towels.
5. Use fresh water to clean equipment.
6. Avoid moisture contact with the surface for a minimum of 12 hours after application.
7. To clean treated surfaces, use Stain-Proofs Daily Floor Cleaner or Stain-Proofs Alkaline Cleaner

**NOTE:** Sealer will NOT prevent surface etching, scuffing or wear and may lighten or darken some surfaces.

## TECHNOLOGY

Waterborne Dense Stone Sealer 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.

## STORAGE

Store in a well ventilated place. Keep container tightly closed. IN CASE OF Fire: Use alcohol resistant foam or normal protein foam for extinction.

## DISPOSAL

Dispose of contents in accordance with applicable local/national/ regional/international regulations.

## COUNTRY OF MANUFACTURE

Made in the USA with globally sourced materials.

## WARRANTY



\*A 15-YEAR PERFORMANCE WARRANTY is offered when product applied by an Accredited Applicator following our written instructions and surface is maintained regularly using our written maintenance system, as outlined in our warranty document. Visit our website at [www.stain-proof.com](http://www.stain-proof.com) to find your nearest accredited applicator.



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30-32 Assembly Drive  
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Australia  
1800 786 617

## CAUTIONS

**DANGER:** Fatal if inhaled. Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure (respiratory system). Suspected of damaging fertility or the unborn child. Toxic to aquatic life. **PRECAUTIONS:** Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after using. Only use in a well ventilated area. Use a positive pressure respirator if ventilation is inadequate, Avoid release to the environment. KEEP OUT OF REACH OF CHILDREN.

## FIRST AID

If exposed or concerned get medical advice. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical advice. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped give artificial respiration. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## TRANSPORT

Shipping name: FLAMMABLE LIQUID, N.O.S. (contains ethanol)  
 Dangerous Class: 3, UN Number: 1993, Packing Group: II.

## COVERAGE GUIDE

Surface Type	sq ft/qt**	m <sup>2</sup> /L**
Basalt - Dense (European)	120	12
Bluestone (Australian Basalt)	100	10
Bluestone (USA Boston Bluestone)	60	6
Brick	60	6
Poured Concrete - Smooth	75	7.5
Poured Concrete	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
Limestone Honed - Dense	70	7
Limestone Polished	100	10
Marble Honed	100	10
Marble 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

\*\*Minimum coverage rates as each surface has different absorption rates.  
 Check with your supplier

## ADVANCED APPLICATION GUIDELINES

### 1. TESTING

Waterborne Dense Stone Sealer must be allowed to cure for at least 4 weeks before undertaking testing.

#### Achieving optimum stain repellence

Waterborne Dense Stone Sealer'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 Waterborne Dense Stone Sealer 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 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 into Kashmir white granite is 7 to 13 millimeters.

### 2. APPLYING ON DENSE / POLISHED SURFACES

For extra penetration Waterborne Dense Stone Sealer may be left to penetrate for up to 4 hours on smaller polished surfaces such as countertops.

### 3. APPLYING ON SMOOTH SURFACES

Once Waterborne Dense Stone Sealer 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 Waterborne Dense Stone Sealer residue has begun to dry and cannot be polished off with a dry cloth, the cloth can be moistened with a small amount of Waterborne Dense Stone Sealer to aid removal.

### 4. APPLYING ON HIGHLY POROUS MATERIALS

Highly porous / absorbent surfaces, such as sandstone and soft varieties of limestone should be pre-sealed before applying Waterborne Dense Stone Sealer. 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, Waterborne Dense Stone Sealer can be applied over the tiles and grout.

### 5. APPLYING ON ROUGH SURFACES

On rough surfaces, globules of Waterborne Dense Stone Sealer may collect in gaps and pits. Use a paint brush to remove these globules and spread them out.



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