



ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

Stamped & Decorative Concrete Sealer 400A

Bubble Resistant, Low-VOC, Solvent-Based, Non-Yellowing, High Gloss, Methacrylate Cure & Protect for Stamped & Exposed Aggregate Concrete

P R O D U C T D A T A

DESCRIPTION

Stamped & Decorative Concrete Sealer 400A is a low-VOC solvent-based, high gloss, methacrylate cure & protect. It is specifically formulated to provide 200 to 300% more working time on stamped concrete, exposed aggregate, and other forms of decorative concrete than traditional low-VOC products. **Stamped & Decorative Concrete Sealer 400A** will not produce bubbles under normal conditions unlike products formulated with common, fast evaporating, low-VOC solvents. It is formulated with a proprietary methyl methacrylate resin that develops high gloss and provides superior protection. **Stamped & Decorative Concrete Sealer 400A's** film will not yellow, virtually eliminates cobweb formation during application, and is extremely durable.

USES

- Cure and protect exterior, horizontal stamped & exposed aggregate finish concrete.
- Protect and amplify the beauty of stamped concrete, exposed aggregate, terrazzo and some stone.
- Deepens the color of stamped concrete while shielding it from freeze/thaw damage, deicing chemicals, dirt and most hydrocarbon chemicals.
- Makes surfaces easier to clean

ADVANTAGES

- 200 to 300% increased working time vs traditional low-VOC products, easier to apply, forms fewer "cobwebs" than other low-VOC products.
- Develops the deep, rich, "wet look" desired for stamped and decorative concrete.
- Non-bubbling formula will not produce bubbles common to fast evaporating low-VOC products.
- High level of resistance to aliphatic solvents, gasoline, oils, grease and other contaminants.
- Excellent penetration, adhesion, and durability.
- Superior color stability and resistance to freeze/thaw cycles, deicing chemicals and other contaminants.
- High gloss for improved appearance and reduced maintenance costs.
- Easy to apply and re-coat without extensive surface preparation; dries quickly.

TECHNICAL DATA

- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59 and other lower VOC requirements at <350 g/L.

Drying Time @ 70 °F(21°C) with 50% R.H. Temperature and humidity effect dry time

Condition	Hours
Dry	2
Re-coat	1
Foot traffic	4
Heavy traffic (vehicular)	24

Estimating Guide

First Coat	300 to 350 ft ² /gal (7 to 8 m ² /L)
Optional second coat	350 to 400 ft ² /gal (8 to 14.7 m ² /L)

DIRECTIONS

Mixing: Do not dilute. **Stamped & Decorative Concrete Sealer 400A** is packaged ready to use. Stir or agitate before using.

For Stamped Concrete Substrates at least 90% of release must be removed from stamped concrete surfaces in order for sealers to adhere.

For Exposed Aggregate the surface must be thoroughly washed to remove all traces of surface retarder. Do not apply to frozen or frosted surfaces.

Surface Preparation: If using to cure freshly placed stamped or exposed aggregate concrete, apply after final finish has been applied. Smooth and broom finish substrates must be a minimum of 28 days old and fully cured. If applying as a protectant for older concrete, clean thoroughly with high-pressure water and allow the concrete to thoroughly dry.

In all cases, **Stamped & Decorative Concrete Sealer 400A** should be applied to a dry substrate.

Packaging Product Number

5-Gallon Pails (18.9L) Pails	36 per pallet	F1425.05
55-Gallon Drums (208.2L)	4 per pallet	F1425.55



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Application: Apply uniformly leaving no pinholes or gaps. Do not allow material to puddle.

Spray Apply with a low pressure, solvent resistant, airless, sprayer equipped with a fan nozzle orifice of 0.030 to 0.035" at 1 gpm. The optimum spray pattern is an 8" to 12" fan. Hold sprayer tip 8" to 12" from the surface of the concrete.

Roller Apply: Use a short nap (1/4" max) solvent resistant roller.

Lambs wool applicator: On porous or open textures or for greater chemical resistance an additional coat may be applied. Apply second coat when surface is tack free, typically about 1 hour at 70°F (21°C) with 50% relative humidity. Lightly acid etch smooth trowel finished concrete before sealing.

Do not over apply, less is better. Do not apply in excess of 300 ft²/gal per coat. Over application will reduce the breathability of the coating system and may result in delaminating or discoloring of the sealer system when exposed to high water vapor pressures.

Cleanup

Clean tools and equipment with **ChemMasters Coating Repair Solvent, Xylene**, or xylol.

Storage

Store tightly closed containers in dry area away from direct sunlight and sources of heat. Shelf life of properly stored material is 2 years from date of manufacture.

Limitations

- For exterior use only.
- Not for use as a bond breaker for tilt up construction
- Not recommended for primary or secondary containment areas or for use under resinous coatings.
- **Stamped & Decorative Concrete Sealer 400A** has been specially formulated to cure stamped concrete and exposed aggregate.
- Do not apply:
 1. When temperature is below 40°F (4°C)
 2. When surface is frosted or frozen
 3. When surface has excess moisture from heavy precipitation or power washing
 4. As a cure on broom finished or smooth troweled concrete
 5. To joints or channels scheduled to receive elastomeric caulks.
 6. To surfaces scheduled to receive concrete overlays, toppings, or thin set mortars.
 7. In the presence of foodstuffs
- Quality curing compounds will darken or highlight the subtle color variations naturally present in concrete. When the difference in shading is objectionable, consult ChemMasters' Technical Staff for recommendations.
- For best results condition material to a minimum of 50°F (10°C) prior to application.

PRECAUTIONS: Not for indoor use.

Use outdoors only in a well ventilated area.

Danger: Flammable Liquid and Vapor. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects. **Precautionary Statements:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

All label precautions and Safety Data Sheet must be fully understood before using this product.

Keep out of reach of children.

For professional use only.

This Product is Formulated and Labeled for Industrial and Commercial Use Only

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT PRODUCT & SAFETY DATA SHEETS AND PACKAGE LABEL FOR THIS PRODUCT. We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.