



STAMPSHEEN

METHYL METHACRYLATE SEALER 50%

MMA 50 (350 VOC) is a concentrated 50% solids methyl methacrylate that provides a LOW VOC, high gloss, fast drying, non-yellowing, sealer for most concrete applications. **MMA 50 (350 VOC)** offers improved resistance to rain, the sun, freez-ing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. **MMA 50 (350 VOC)** can be considered an ultimate multi-use concrete sealer that has better chemical, weatherability and wear resistance than the nor-mal acrylic sealers that are commonly used in the industry.

FEATURES AND BENEFITS:

- ◆ Can be used as a means of dustproofing, sealing and protecting most concrete surfaces.
- ◆ Due to our 100% methyl methacrylate formula, this product will not yellow under ultraviolet exposure.
- ◆ Fast drying time highly reduces the risk of trapped solvent or other types of moisture issues.
- ◆ Extremely durable, tough film with excellent adhesion to concrete substrates.

APPLICATIONS: MMA 50 (350 VOC) is recommended for use on Stamped Concrete, Stenciled Concrete, Acid Stained Concrete, Overlaid Concrete, Exposed Aggregate Concrete, Broom Finish Concrete, and Trowel Finish Concrete. Other uses may be acceptable.

TECHNICAL INFORMATION:

Solids(as directed).....25%
 Drying Time.....30 min. - 1 hour
 Re-Coat Time.....4 - 24 hours
 Foot Traffic.....4 - 6 hours
 Wheel Traffic.....24 - 48 hours
 Application Temp.....40°F - 85°F

Wet Appearance.....Clear to lightly cloudy
 Dry Appearance.....Clear and High Gloss
 VOC Content.....<350 g/l
 Blush Resistance.....Good
 Solvent Resistance.....Recoverable in most instances
 Concrete Adhesion.....Excellent

APPROXIMATE COVERAGE:

Surface	First coat	Optional second coat
New unsealed concrete	250-350 sq ft	350-400sq ft
Old sealed concrete	350-400sq ft	350-400sq ft

SHELF LIFE: MMA 50 (350 VOC) has a shelf life of up to two years in it’s original, sealed, unopened container

COMPLIANCE: Dried coating is USDA accepted.

PACKAGING: 5 gallon and 1 gallon unts.

INSTRUCTIONS FOR USE:

SURFACE PREPARATION: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure.

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Slowly mix in equal parts of suitable solvent with a mixing paddle for 2 minute before applying. Material may separate during long term storage so mix before next usage.

APPLICATION: Apply the finished diluted product using a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. A Chapin style solvent resistant sprayer may be used as well. Do not allow to Puddle! Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. If applying by spray method, extended coverage rates may be achieved, but be aware that less material will be applied and inadequate film formation or performance expectations may be limited.

CLEAN-UP: Use Xylene or Acetone. Dispose of containers in accordance with the local and federal regulations.

PRODUCT REMOVAL: Dried, cured sealer may be removed with a commercial paint stripper such as Tru-Strip. Alternative methods may be diamond grinding, sandblasting or other similar mechanical method.

PRECAUTIONS AND LIMITATIONS:

- ▶ **MMA 50 (350 VOC)** will not freeze during storage, however, allow temperature to rise to 50 degrees F prior to application.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed.
- ▶ Keep away from open flames. **MMA 50 (350 VOC)** is flammable and is very susceptible to ignition.
- ▶ It is not recommended to apply **MMA 50 (350 VOC)** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **MMA 50 (350 VOC)** was designed for concrete and to be applied in two thin coats, not one thick coat.
- ▶ Please be aware that this product when cured may be slippery when wet.
- ▶ **MMA 50 (350 VOC)** may darken the surface of many new and existing concrete slabs. Test prior to use.

Notes: Be sure to dilute with the proper available solvent in a 1:1 ratio before application. Mix thoroughly with a paddle type mixer at low speed for 2 minutes. Only blend the amount you are going to use in that application.