

PAVER SHIELD 400

PRODUCT CODE: 006-PS400

NON-YELLOWING 400 VOC METHYL METHACRYLATE PAVER SEALER

PRODUCT DESCRIPTION

PAVER SHIELD 400 is a VOC compliant, high gloss, fast drying, non-yellowing, methyl methacrylate sealer specifically designed for pavers and decorative concrete. **PAVER SHIELD 400** offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete while leaving a desirable enhanced “**Wet Look**” appearance. Applying **PAVER SHIELD 400** to exposed aggregate will also help to eliminate loose pebbles and premature wear.

BENEFITS/FEATURES

- ◆ Easily applied on pavers and decorative concrete.
- ◆ Tough durable methyl methacrylate formula will not yellow under ultraviolet exposure.
- ◆ Fast drying time highly reduces the risk of trapped solvent or other types of moisture issues.
- ◆ < 400 VOC meets OTC & LADCO VOC Regulations

RECOMMENDED APPLICATIONS

PAVER SHIELD 400 is recommended for use on Pavers, 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.....	25%	Wet Appearance.....	Clear to lightly cloudy
Drying Time.....	30 min. - 1 hour	Dry Appearance.....	Clear and High Gloss
Re-Coat Time.....	4 - 24 hours	VOC Content.....	<400 g/l
Foot Traffic.....	4 - 6 hours	Blush Resistance.....	Good
Wheel Traffic.....	24 - 48 hours	Solvent Resistance.....	Minimal
Application Temp.....	40°F - 85°F	Concrete Adhesion.....	Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

DRIED COATING IS USDA ACCEPTED

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New or old unsealed pavers	125 - 150 ft ²	150 - 175 ft ²
Stamped or Textured unsealed concrete	175—225 ft ²	225 - 275 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

PAVER SHIELD 400 has a shelf life of one year in it's original, sealed, unopened container.

PACKAGING

PAVER SHIELD 400 is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.

SURFKOAT™

SURFACE KOATINGS, INC.

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INSTRUCTIONS FOR USE

SURFACE PREPARATION: All 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 50 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: Stir well before using. Material may separate during long term storage. The level of saturation obtained will determine the intensity of the gloss-finish.

APPLICATION: Apply using a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 125 - 150 sq. ft. per gallon on Pavers or 175 - 225 square feet per gallon on decorative concrete depending on porosity and texture of substrate. A Chapin style solvent resistant sprayer may be used as well. Use a roller to backroll. 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. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial paint stripper, such as *our Nock Off* or by using a sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ▶ **PAVER SHIELD 400** 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. **PAVER SHIELD 400** is flammable and is very susceptible to ignition.
- ▶ It is not recommended to apply **PAVER SHIELD 400** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **PAVER SHIELD 400** was designed for pavers and decorative 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.
- ▶ **PAVER SHIELD 400** is not resistant to brake fluid, gasoline, and many similar products.
- ▶ It is not recommended to thin **PAVER SHIELD 400**. Improper thinning may cause sealer to delaminate in a short time frame.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 615-323-9461.

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