

TUF TOP COATINGS SINCE 1948
DURAPLATE 289

HIGH PERFORMANCE CONCRETE ENAMEL

WATER-BASED

24-XX

DESCRIPTION

TUF-TOP DURAPLATE 289 is a single component, **LOW V.O.C LOW ODOR** pigmented acrylic coating. Based on Nano Technology, D-289 demonstrates outstanding adhesion to a wide range of substrates including most coatings. D-289 incorporates a chemical curing mechanism that achieves fast initial water resistance and curing, and continues to harden and cure for 7-10 days after application to give a harder, tougher finish and more marking resistance than conventional water-based coatings and even most solvent-based sealers.

USES/FEATURES

- COMMERCIAL AND HIGH TRAFFIC WALKWAYS
- POOL DECKS
- WITHSTANDS OCCASIONAL PONDING WATER
- EXCELLENT CLEANABILITY, EASY TOUCH UP
- AUTOMOTIVE TRAFFIC**

**Moderate traffic entries, parking garages, drop off zones.

PREPARATION

***CONCRETE & MASONRY**—Make sure concrete is sound and not crumbling. Dirt, oil, grease, mold and mildew, and any other contaminants must be removed from the surface and pores of the concrete. Remove oil, grease, and any other contaminants with strong detergent, TSP, or degreasers and rinse thoroughly. All mold, algae or mildew should be treated with a 2:1 bleach-water solution, scrubbed and rinsed thoroughly. Best results will be obtained by pressure washing the surface with at least 3000 psi to insure complete removal of the contaminants. Slick or smoothly trowelled bare concrete must be etched with a 2:1 muriatic acid solution until the concrete pores are opened up and a sandpaper-like (120-220) grit feel is given to the concrete. Acid must be thoroughly washed off after application.

***PREVIOUS COATINGS** - All previous coatings must be compatible and in sound, well adhered condition. If unsure, apply a test patch and check dry adhesion with duct tape after 3 days, recheck after placing a soaking wet towel on the coating for a minimum of 4 hours. Dry the surface with a towel and immediately check the adhesion with duct tape. All unsound coatings must be removed to a sound surface. Thorough degreasing followed by pressure washing with at least 3000 psi and a 15 Deg. to insure all apparent and non apparent loose coating is removed is recommended. . Allow to dry a minimum of 24 hours before coating. May not adhere to some alkyd, epoxy, urethane, silicates or silicone modified coatings, a test patch is recommended.

APPLICATION- Apply with roller, brush, airless, or conventional type sprayer. Roller nap size from 3/8" to 1/2" , Microfiber or Quality shed resistant cover. For most applications, "thin" coats are preferred. Apply first coat, allow to dry (2-4 hours depending on weather), and apply second coat. For best results do not dilute. Allow a minimum of 6 hours @ 70 deg F. for Lt. foot traffic.

DRYING TIME - Normally dries in 1-3 hours and can be walked on (Lt. foot traffic) when dry. 36-48 hours are suggested before heavy foot or vehicle traffic. Low temperatures and high humidity can extend drying and curing time.

DO NOT APPLY IF AIR AND/OR SURFACE TEMPERATURE IS 60 DEG. F, OR BELOW

Do not use pump type sprayers with this product, brush, roll or spray only.

COVERAGE

Smooth or Lt. Broom Finish 3/8" Microfiber roller 1st coat - 160-180s/f gl, 2nd coat 180-220 s/f gl.
Heavy broom or fresh knockdown 1/2" Microfiber roller 1st coat - 150-170 s/f gl, 2nd coat 175-200 s/f gl.
Previously coated (color dependent) 3/8" Microfiber roller 1st coat - 175-200 s/f gl, 2nd coat 225-250 s/f gl.

RECOMMENDED FILM THICKNESS IS 2.5 - 3.0 DFT FOR BEST PERFORMANCE

LIMITATIONS

- Do not apply when air or surface temperatures are below 60°F or are expected to fall there before coating can dry.
- Do not apply to a wet or damp surface or within 6 degrees of the dew point
- May not adhere to some alkyd, epoxy, urethane, silicate or silicone modified coatings, a test patch and adhesion test is always recommended.
- Do not apply when it may rain or if dew may condense on the surface before D-289 will have a chance to dry.
- Do not allow to freeze. Store above 32°F(0°C).

Apply in thin coats only, overapplication may result in extended dry times or poor durability.

THIS IS A SMOOTH PAINT AND IT WILL GET SLIPPERY WHEN WET. IF THE SURFACE HAS NOT ALREADY BEEN TREATED TO REDUCE SLIP HAZARDS, SAND OR OTHER MATERIAL SHOULD BE ADDED TO THIS PRODUCT BEFORE OR DURING APPLICATION TO REDUCE THIS CONDITION. IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR OR OWNER TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING THIS PRODUCT IN AREAS OF PEDESTRIAN TRAFFIC.

TECHNICAL DATA (WHITE)

COVERAGE	150-250 sq. ft./gal depending on porosity and texture of substrate
DILUENT	Water
CLEAN-UP	Soap and Water
VOC CONTENT	<50 GR/LITER
ODOR	Very Slight
APPEARANCE	Color dependent
GLOSS	Satin-Semi
FILM THICKNESS	2 coats required - 2.5-3.0 mil dft
LIGHT STABILITY	Excellent
DURABILITY	Excellent
WATER RESISTANCE	Excellent
GASOLINE RESISTANCE	Fair
TENSILE STRENGTH	Excellent
BONDING	Excellent
SCUFF RESISTANCE	Excellent
EPA AIM CATAGORY	Floor coating

This coating though resistant, is not a guarantee against rubber marking or staining. All rubber compounds have the potential to leave brown to black bleed stains under certain conditions. To avoid this, do not use rubber backed mats. Silicone backed mats work very well park vehicles, carts and bikes on plexiglass, lexan or carpet squares to avoid staining.

Manufactured by:

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LIMITATION OF LIABILITY: The Manufacturer and/or the Seller warrants that if any goods supplied prove defective in workmanship or material, that Manufacturer and/or Seller shall replace them or refund the purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for his intended use and User assumes all risks and liabilities whatsoever in connection therewith. Under no circumstances shall the Manufacturer and/or Seller be liable for incidental, consequential or other damages for alleged negligence, breach or warranty, or strict liability arising out of use or handling of this product. The sole liability of Manufacturer and/or Seller for any claims arising out of the use of sale of the product shall be for the User's purchase price.