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Epoxy & fiberglass flooring, seamless fiberglass wall systems, sealers, high performance coating systems, and industrial cleaners

PRODUCT BULLETIN

#3100 INDUSTRIAL EPOXY

DESCRIPTION: #3100 EPOXY is a clear, low viscosity, odorless, high solids, free flowing epoxy resin amine combination. AVAILABLE IN CLEAR, WHITE, V LIGHT GRAY, LIGHT GRAY, MEDIUM GRAY AND BRICK RED.

USES: #3100 is recommended for general-purpose, commercial and industrial flooring and clear glaze applications. It is especially useful for decorative quartz flooring where a combination of good wear, good clarity, and color stability, are important. #3100 would be a good choice as a high build wood coating system for rough flooring, tables or bar tops. #3100 provides good short term exposure and splash resistance for a variety of industrial chemicals and commercial cleaning products. It shows no tendency to blush during applications. #3100 is also available in a, thickened version as #3100 PATCH-IT which is useful as a concrete patching material. For more information refer to the PATCH-IT bulletin.

APPLICATION: Always allow the material to attain room temperature before use. Mix 2 parts PART A EPOXY with 1 part PART B HARDENER and use immediately. Do not thin. Pot life is 30 minutes and tack free cure time is 7 hours. For best results apply over a suitable epoxy primer. Light traffic may be allowed after 24 hours, full use may be allowed after 48 hours, at 70F longer at cooler temperatures. Application should be at temperatures of 60F or above. #3100 may be used in conjunction with other #3100 or #4100 series epoxies, mixed with suitable aggregate blends and trowel applied as a resurfacing material, and/or may be top coated with #1300 SRE FLOOR COATING or #2200 ALIPHATIC URETHANE for additional wear and chemical resistance.

SPECIFICATIONS

Pot life	30 Min.	Gloss	excellent
Cure time @ 70F	6-7 Hr.	Solids	100%
Tabor abrasion	33mg loss	Colors	clear, tile red, light gray, medium gray, tan, buff, blue
Solids	100%	solvent resistance	good
Chemical resistance	good	compressive modulus- psi	28000
Compressive strength psi	20200	tensile elongation at break %	49.5
Tensile strength psi	5400	flexural modulus psi	582000
Flexural strength psi	17900	Tabor abrasion CS 17 @ 1000 rev	33mg lost
Hardness shore D	79		

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