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

PRODUCT BULLETIN

#2300W ARISTOTHANE

WATERBORNE POLYURETHANE COATING

DESCRIPTION: #2300W ARISTOTHANE is a high performance, UV stable, water based polyurethane coating which meets or exceeds key performance characteristics demanded of top wearing urethanes while keeping under the 350 gm/liter VOC cap. ARISTOTHANE is a tough, chemical resistant, two component aliphatic water based urethane. ARISTOTHANE develops a 3H pencil hardness in 24 hours and ultimately a 5-7H hardness in one week. Its spectacular Tabor Abrasion loss of only 5.6mg/1000 rev is several times better than other typical floor urethanes available and over ten times better than most epoxies. It provides an easy to apply urethane coating which is especially useful as an industrial concrete floor coating and as a wear and gloss top coat for epoxy coatings. ARISTOTHANE is available in clear and standard colors.

USES: ARISTOTHANE may be used as a general purpose industrial urethane coating although most uses are as a concrete floor coating/sealer or as a top coat for other coatings. As a concrete coating it provides a good wearing, attractive system for heavy use and general chemical exposure areas ARISTOTHANE may be used in sun lit areas where clarity and light stability are important, as a wear top coat and as an anti graffiti coating for walls.

APPLICATION: For best results ARISTOTHANE should be applied over a cleaned concrete surface primed with a suitable epoxy primer such as, NUPRIME or #1020 PENETRATING EPOXY. A minimum of two coats of ARISTOTHANE should be applied at 350 sqft./gal giving a wear coat of 6 mils. As a gloss topcoat for other coatings one coat is required. Partial containers should be tightly sealed when not in use. For multiple topcoats each coat should follow within 12 hours of the last coat becoming tack free. Future recoating may be done after the surface has been thoroughly cleaned, abraded and tack wiped with SURFPREP #101 or #102 prior to recoating. ARISTOTHANE may be tinted with universal colors although chemical resistance might be diminished.

SPECIFICATIONS:

Solids(clear- pigmented)	54%-65%	Gardner Color-clear	1
Tack Free	3Hr	UV Stability	Excellent
Limited Use	12Hr	Pencil Hardness	5H
Full Use	24Hr	Gloss	Excellent
Tabor Abrasion	8	Reverse Impact	>160in-lb
Direct Impact	>160 in-lb	1000 double rubs NO EFFECT-	gasoline, oil, break fluid, antifreeze, n butyl alcohol
VOC gm/L	~150	mineral spirits, skydrol	
		1000 double rubs: softens, dulls and then rehardens:	acetone, methanol, ethanol, glychol ether ep, glychol ether pm acetate, isopropyl alcohol

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