

ASTRA-A-7400 U.V

product data sheet



DESCRIPTION

ASTRA-A-7400 U.V Epoxy System is a pigmented, two component, low odor, 100% thermosetting epoxy formulations. ASTRA-A-7400 U.V. is ideally suited for application on concrete, wood, drywall, cement board or block. This coating is extremely durable, sanitary and easy to clean.

BENEFITS

- Stain Resistant
- Easy to Clean
- Seamless
- Durable
- Sanitary
- Easy Maintenance

TYPICAL USES

ASTRA-CRETE BDM is designed to protect concrete, Polymer reinforced screeds, mild steel and water resistant plywood from chemical attack, corrosion, impact and thermal shock. It is also unaffected by freeze/thaw cycles.

- Laboratories
- Hospitals
- Walk-In Coolers
- Pharmaceutical Plants
- Food Processing Plants
- Commercial Kitchens
- Garages
- Warehouses
- Locker Rooms
- Clean Rooms
- Laundries
- Kennels
- Bottling Plants
- Car Wash Bays

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be clean, sound and dry. Please refer to the master "**Surface Preparation Guide**" for more information.

APPLICATION METHOD /SPREAD RATES

ASTRA-A-SHADE pigmented epoxy is used throughout the ASTRA-A-7400 U.V system for base, grout and seal coats. Typically, ASTRA-A-7400 U.V epoxy is applied with a 3/8" nap roller at approximately 70 Sq Ft per Liter to yield an even 150 Micron wet film thickness with no runs. Coverage will vary depending on porosity and texture of substrate.

LIMITATIONS

This product is best suited for application in temperatures between 15°C and 35°C. Substrate must be clean, sound and dry. Failure to apply the recommended urethane Clear topcoat will result in the system's inability to maintain chemical resistance.

CHEMICAL RESISTANCE

This product is resistant to most common chemicals. Please refer to the master "**Chemical Resistance Chart**" actual resistance to specific chemicals/reagents

COLORS

ASTRA-A-7400 U.V is available in 15 standard colors. Please refer to the Standard Color Chart Custom colors are available upon request.

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TECHNICAL INFORMATION

Toxicity

Non-Toxic, Meets USDA Standed

Physical Property	Test Method	Result
Thardness (Shore D)	ASTM D-2240	70-80
Water Absorption	ASTM D-570	0.04%
Flammability	ASTM D-635	Self-Extinguishing
Flame Spread / NFPA-101	ASTM E-84	Class A
Tensile Strength	ASTM D 638	3000 psi
Flexural Strength	ASTM D 790	4000 psi
Impact Resistance Alkyd/Latex Paint Astra-A-Wall	ASTM E695-03 (Soft Body Impact)	75 ft.lbs. 0.120" set 75 ft.lbs. 0.060" set
Impact Resistance Alkyd/Latex Paint Astra-A-Wall	USG Pipe Cap Test (Hard Body Impact)	10 ft. lbs. 13 ft. lbs.
Impact Resistance Alkyd/Latex Paint Astra-A-Wall	ASTM D- 2794 @25 inch lbs (Indentation, Mils)	85 68
Bond Strength to Substrates	ASTM D- 4541	Substrate Failure
Thermal Shock, 50 cycles of immersion in Chilled and Boiling water	MIL F 52505	No cracking or loss of adhesion
Abrasion Resistance, CS-17 Wheel, Wgt. Loss 1000 gm. Load 1000 cycles	ASTM D- 4060	15 mg. loss
VOC Content		42.49 g/l

DRAWINGS AND DETAILS

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please refer to the Master “**Drawings and Details**” guide for actual drawings.

GUIDE SPECIFICATIONS

This product is part of the family of ASTRA POLYMER systems. Please refer to the master “**Specifier's Guide**” for complete three part guide specs.

MOISTURE CONCERNS

Please refer to the Floor Evaluation Flow Chart in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

CLEANING

This product is considered to be a low maintenance flooring solution, however, certain textures and service environments require specific procedures. Please refer to the master “**Cleaning Guide**” for more information

JOINT GUIDELINES

Refer to the Joint Guidelines for complete details on our website.

CAUTION

Adequate cross ventilation should be provided. Read, understand and follow Material Safety Data Sheets and Application Instructions of this flooring system prior to use. Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed.

Before using any ASTRA. product, be sure the Material Safety Data Sheet is read and understood.

WARRANTIES

Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. Seller makes no other warranty, express or implied, and all implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Seller shall not be liable for prospective profits or special indirect or consequential damages. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.