

ASTRA-CRETE TF

product data sheet



DESCRIPTION

ASTRA-CRETE TF is a solvent free, high build coating based upon ASTRA urethane technology. Although it is designed as a topcoat and primer for ASTRA-CRETE WR and ASTRA-CRETE HF, it should also be used as a topcoat for ASTRA-CRETE MDB and SLB systems.

BENEFITS

- VOC Compliant
- ADA Compliant
- Low Odor
- Meets USDA, FDA, OSHA Standards
- Wide Service Temperature, -40 to 100 C
- Superior Adhesion
- Thermal Shock Resistant
- Easy Maintenance

COLORS

ASTRA-CRETE TF is available in 10 standard colors. Refer to the ASTRA-Crete Color Selector Chart

TYPICAL USES

ASTRA-CRETE TF is used to topcoat ASTRA-CRETE WR and ASTRA-CRETE HF and provide a uniform look for coving. Typical areas of application:

- Chemical Processing
- Bottling Areas
- Food Processing Areas
- Sanitize / Wash Areas
- Cook / Chill Areas
- Plant Vehicle Aisles
- Spalled Joint

SURFACE PREPARATION

To be assured of maximum adhesion and properties from ASTRA products, the correct surface preparation is required. Please refer to the master "Surface Preparation Guide" for more information.

APPLICATION METHOD /SPREAD RATE

ASTRA-CRETE TF is applied with a flat squeegee, notched squeegee, and medium nap roller at 8-10 mils. REFER TO SPECIFIC ASTRA-CRETE SYSTEM TO DETERMINE APPLICATION METHOD.

LIMITATIONS

This product is best suited for application in temperatures between 10° C and 30° C. Substrate must be clean, sound and dry

PACKAGING

ASTRA-CRETE TF is available in three part units consisting of resin, hardener and activator powder.

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please call the ASTRA Technical Department for actual resistance to specific chemical/regents

STORAGE CONDITIONS

ASTRA-CRETE TF must be stored dry. Do not reseal containers contaminated with moisture. Do not use partial bags of aggregate. Do not allow resins to freeze. Every ASTRA-CRETE product will be shipped with a lot number on the label. The first two digits indicate the year; the second two show the month, the third two will be the day. The shelf life is 6 months from the date on the label in the original unopened container.

ASTRA-CRETE TF

TECHNICAL INFORMATION

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Cure Time @ 25°C Foot Traffic	24 hours
Full Service	3 – 5 days
Color	10 standard colors
Mix Ratio (by volume)	3 Component Kit
Pot Life 25°C	15 minutes
Adhesion to Concrete	> 400 psi, concrete fails before loss of bond
Service Temperature	-40 to 100 C (live steam)

Physical Property	Test Method	Result
Thardness (Shore D)	ASTM D 2240	85
Compressive Strength	ASTM C 579	8,565 psi
Tensile Strength	ASTM D 638	950 psi
Impact Resistance @ 125 mils	ASTM D 1709	> 160 inch lbs
Flexural Strength	ASTM D 790	4,400 psi
Abrasion Resistance Taber H 10 Wheel 1000 GM Load 1000 Cycles	ASTM C 501	900 mg loss
VOC Content		0 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.