

# ASTRA-A-QUARTZ COVE-REZ

## product data sheet



### DESCRIPTION

ASTRA-A-QUARTZ COVE-REZ resin is a thixotropic version of ASTRA-A-QUARTZ resin "Regular". It may be used with any of the ASTRA-A-QUARTZ hardeners. This product was specifically designed for vertical applications where extra sag resistance is required. Upon mixing, the viscosity drops significantly which makes mixing and handling easy. However, when the mixing blade is removed the viscosity rises once again. This added viscosity makes cove work easier and more efficient, while maintaining the toughness and chemical resistance found in ASTRA-A-QUARTZ "Regular" resin.

### BENEFITS

- Low Odor
- Coves Close Up Tighter
- Versatile Usage
- Concrete Repair
- Good Chemical Resistance
- Can be used with various Hardeners
- Tenacious Bonding Quality

### COLORS

ASTRA-A-QUARTZ COVE-REZ is produced clear but can be pigmented by adding ASTRA-A-SHADE to the COVE-REZ. ASTRA-A-QUARTZ COVE-REZ is available in 15 standard colors. Please refer to the Standard Color Chart. . Custom colors are available upon request.

### PACKAGING

ASTRA-A-QUARTZ is available in 4 Kgs 22 Kgs and 50 Kgs Drums.

### SURFACE PREPARATION

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

### APPLICATION METHOD /SPREAD RATES

Prime the wall with a light coat of the mixed resin and hardener. Next, trowel up a mixture of 1.5 Kg of epoxy to 750 Gms ASTRA-A-QUARTZ Q-11 or Q-28. When that has cured, use a brush to topcoat. Be sure to remove any excess material with a squeegee. This should be done by pulling the material down to the bottom of the cove radius, then back up to the top edge of the cove. Do not apply on broadcast quartz floors. Because the surface is not smooth, the finish will appear white. Topcoat smooth troweled surfaces only.

### LIMITATIONS

This product is best suited for application in temperatures between 15°C and 35°C. Substrate must be clean, sound, and dry. Don't leave a heavy topcoat on cove base, pull excess sealer off with squeegee. If not removed, a milky white haze will remain on cove base.

### TYPICAL USES

This formula was developed specifically for installing cove and may be used in all phases of that process. (Prime coat, Base coat, and Topcoat) The product can be used as a patching material for hairline cracks, sawcuts and spalled areas. It can also be used for minor patching to level an area.

## ASTRA-A-QUARTZ COVE-REZ

### TECHNICAL INFORMATION

Color	Clear, can be tinted with Astra-A-Shade,
Mix Ratio (by volume)	Combine 1 part hardener to 2 parts resin
Viscosity at 25°C (mixed hardener & resin)	150,000 cps
Thixotropic Index	3.4
Pot Life at 25°C	20 - 25 minutes
Cure Time, Touch Dry at 35°C	4 - 6 hours
Cured Film Thickness	500-700 Microns
Toxicity	Non-toxic. USDA compliant

Physical Property	Test Method	Result
Hardness (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	12 - 13,000 psi
Flexural Strength	ASTM D-790	18 - 19,000 psi
Compressive Strength	ASTM D-695	17.5 - 19,000 psi
Izod Impact (ft. lb./in. notch)	ASTM D-256	0.50
Bond Strength to Concrete	ACI – 403	Concrete fails before loss of bond
Elevated Temperature	MIL D-3134	No slip or flow
Salt Spray Resistance, 25% solution at 40°C		No effect after 100 hours
Thermal Shock, 50 cycles of immersion in chilled & boiling water	MIL F-52505	No cracking or loss of adhesion
Abrasion Resistance, CS-10 Wheel, Wgt. Loss, 1000 gr. Load, 1000 cycles		30 mg.
VOC Content		0

## 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.