

ASTRA-A-QUARTZ RAPID-PATCH

product data sheet



DESCRIPTION

ASTRA-A-QUARTZ RAPID-PATCH is a rapid-curing, two-component, 100% solids, thermosetting epoxy designed specifically for cracks, holes, spalls and voids in concrete up to 6mm thick. RAPID-PATCH is an important step during installation to assure edges from cracks, holes, saw-cuts, etc are uniform with the surrounding surface prior to coating.

BENEFITS

- Eliminates addition of fillers such as fumed silica
- Zero VOC
- Extremely Fast Cure
- Re-Coat =1- 2 hours.
- Easy to Mix, Easy to Handle
- Non-Sagging
- Concrete Repair/Crack Filling

COLORS

Whitish grey

TYPICAL USES

This formula was developed specifically as a patching material for cracks, holes, saw-cuts, spalled areas, and damaged/cracked concrete on floors, walls and ceilings.

PACKAGING

ASTRA-A-QUARTZ RAPID-PATCH is available in 5 Kg Cans and 21 Kg pails.

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

ASTRA-A-QUARTZ RAPID-PATCH is applied with a steel trowel, spackle knife or flat squeegee. Spread rate will vary depending on depth of crack or hole to be filled.

- Mix 1 part Hardener with 2 parts Resin for 2 minutes. Measure 1 part Hardener and pour into the mix pail first. Measures 2 parts Resin and add to the mix pail.
- **NOTE: The RESIN is a PASTE and cannot be poured; use a paint stick to remove from container.**
- **When mixing the Hardener and Resin together, use a jiffler type mixer blade attached to a slow speed, 450 rpm drill, for best results.**
- Be sure to scrape the sides and bottom of the mix pail for proper mix.
- Spread material into cracks or holes and finish smooth with a trowel, spackle knife or flat squeegee.
- **NOTE: Pot Life is only 6-8 minutes at 35°C. Shorter pot life at higher temperatures.**

MIX SMALL BATCHES!

LIMITATIONS

This product is best suited for application in temperatures between 15°C and 35°C. Substrate must be clean, sound, and dry. Quick-Patch is to be used as patch/filling material, not as decorative coating.

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TECHNICAL INFORMATION

Color	Whitish Grey
Mix Ratio (by volume)	1 part hardener to 2 parts resin
Viscosity at 70°F (mixed hardener & resin)	Paste
Thixotropic Index	>3.4
Pot Life at 25°C	6 - 8 minutes
Cure Time	Thin Film (500 Microns): 2 hours Thick Film (Crack Sealing): 1 hour
Recoat Window	2 – 36 hours
Sag Resistance	None at 6mm

Physical Property	Test Method	Result
Hardness, Shore D	ASTM D-2240	75 - 80
Water Absorption	ASTM D-570	0.04%
Flammability	ASTM D-635	Self extinguishing
Flame Spread / NFPA-101	ASTM E-84	Class A
Bond Strength to Concrete	ACI – 403	Concrete fails before loss of bond
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.