



TECHNICAL DATA SHEET
212 All Purpose Sealant
Crystal Clear Sealant

Physical Property	Typical Value	Test Method
Color	Clear	-
Application Temperature	32°F to 110°F (0°C to 43°C)	-
Service Temperature, cured	-40°F to 180°F (-40°C to 82°C)	-
Durometer Hardness, max	55 Shore A	ASTM D2240
Elongation, min	200%	ASTM D412
Flash Point	75°F (24°C)	ASTM D93
Dry Time	Initial Set: 30 min Set Through: 3 to 7 days at RT	-
Peel Strength, min	Aluminum/Glass: 5 p.i.w. (22N)	ASTM D412
Specific Gravity	1.06 at 77°F (25°C)	-
VOC Content, max	350 g/L	-

Description

212 All Purpose Crystal Clear Sealant is a one-part, highly elastic, high-performance thermoplastic sealant. The sealant exhibits excellent adhesion to a variety of construction materials. It can be applied to wet or dry surfaces and has excellent low temperature flexibility. It is non-staining, non-sagging and skins over, tack free within 30 minutes.

Features

- Provides clear, invisible patch
- Goes on clear and cures clear
- Remains flexible - no cracking
- Excellent adhesion, even on wet surfaces

Application

Prep: **212 All Purpose Crystal Clear Sealant** should only be applied to sound surfaces that are free from oil, grease, wax, dust, corrosion, or any material that may interfere with obtaining optimum adhesion.

Concrete and Masonry: Fresh concrete should be fully cured and dried. This may require as much as 3 to 4 weeks. If surfaces are dusty, they should be blown or brushed free and cleaned. Mold release agents or curing agents should be removed, as they will prevent good adhesion.

Aluminum and other Non-Ferrous: If the surface has previously been sealed or exposed to the air for a period of time, remove all previous compounds or surface oxidation by wire brushing.

Steel: Remove all corrosion or coatings by wire brushing.

Glass / Fiberglass: Wipe, if necessary, the surfaces to be sealed with clean, oil-free solvent and dry thoroughly.

Wood: Remove all paint and other loose coatings. Sand to provide a good, clean surface.

Apply: For neatness of joint, adjacent surfaces can be masked with tape. Apply sealant in the joint from the bottom up, filling completely and avoiding entrapping air. Tool the surface for appearance and ensure adequate adhesion between the sealant and the joint sides. Dry tooling is preferred. As soon as application and tooling is complete, remove any masking tape. In joints up to ½" (13 mm) wide, the depth of the sealant should be equal to the width, but not less than ⅛" (3 mm). When joints are greater than the desired depth, they should be packed with a supplementary material, such as backer rod.

Coverage: Cartridge: nominal 15 lineal feet (4.6 m) based on ⅜" (10 mm) bead
Quart: nominal 3 ft² (0.28 m²) applied ⅛" (3 mm) thick by trowel

Limitations: Do not use on insulated glass panels, laminated glass edges or polystyrene. Not intended for interior use. Direct contact with asphalt based building materials may result in some bleed-through, staining or discoloration.

212 All Purpose Crystal Clear Sealant

Clean-up

Complete clean-up before sealant cures with mineral spirits. Clean hands with a waterless hand cleaner.

Packaging

10.1 oz. cartridge
1 Quart

Storage

212 All Purpose Crystal Clear Sealant has a shelf life of 12 months from date of manufacture, when stored in original unopened container at or below 80°F (26°C). Containers should always be kept sealed when not in use.

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