

QUAD[®] MAX CLEAR

CLARITY
THAT
LASTS!

OSI[®] QUAD[®] MAX CLEAR will stand the test of time and remain clear even after exposure to the elements. It is formulated with long lasting UV inhibitors and dirt & dust resistant polymers that protects clarity over the long haul.



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PRODUCT INFORMATION

Item #	Size	Color
2445634	9.0 fl. oz. (280) ml cartridge	Clear 000

Description: OSI® QUAD® MAX Clear is the next generation of siding, window and door sealants that offers maximum durability and application performance for use in many interior or exterior conditions. It has been proven to stick on wet and cold surfaces and offers long term durability against the harmful effects of sun exposure. Unlike traditional solvent sealants, QUAD® MAX Clear is resistant to bubbling and has no shrinkage. By providing superior protection against air and moisture, you've done it right the first time.

BUILDER/CONTRACTOR INFORMATION:

Features & Benefits:

- Flexibility: ± 50% Joint Movement Capability
 - 24 Hour Fast Cure for Quicker Protection*
 - Immediately water resistant
 - Strong Adhesion to Most Building Materials Without Primer
 - Easy to Use in All Temperatures: 0°F to 140°F Application
 - Excellent dirt & dust resistance
 - Paintable in 1 Hour*
- *Cure time is dependent on temperature, humidity and depth of sealant applied

Recommended For:

OSI® QUAD® MAX CLEAR is designed for interior/exterior use for sealing around windows, doors and siding. It bonds to a wide variety of materials without need for a primer such as fiber cement, cedar, brick, stone, XPS, EPS, coated aluminum, fiberglass, vinyl, PVC, stucco, EIFS, wood, glass, concrete, masonry and flashing tapes and Kynar® coatings.

For Best Results:

- DO NOT TOOL or smear/feather on prefinished colored claddings (i.e. siding, trim, etc.) as this will reduce any sealants ability to withstand UV exposure and joint movement, causing premature joint failure and sealant whitening
- DO NOT use as a nail hole filler or in touch-up applications on pre-finished exterior building materials. Follow prefinished cladding manufacturer's instructions for nail hole filling
- Not recommended for field joint/butt joint applications on prefinished exterior claddings and trim materials
- Do not use on joints immersed in water or applications requiring continuous water immersion
- Do not use on roof applications including but not limited to metal roof panels or on log homes
- Do not use as a traffic bearing sealant
- For joints deeper than 3/8" (9.5 mm), a backing material should be used
- If the sealant bead is exposed to rain before it is fully cured a slight haze or foginess may develop on the surface. This is temporary, and the bead will turn clear again once the rain stops, and the sealant bead fully cures. This is a surface phenomenon only and does not affect the performance of the sealant in any way

ARCHITECT INFORMATION:

Coverage: For a 9.0 fl oz. (280 ml) cartridge:

- A 1/4" (6 mm) bead extrudes approximately 28.0 ft. (8.5 m)
- A 3/8" (9.5 mm) bead extrudes approximately 12.6 ft. (3.8 m)

Typical Application Properties:

Application Temperature:	Apply between 0°F (-18°C) and 140°F (60°C) For easier extrusion of sealant at lower temperatures, store cartridge at room temperature at least 24 hours prior to use	
Skin Formation Time:	8-10 minutes	At 72°F and 70% relative humidity
Tack-free Time:	< 24 hours	At 72°F and 70% relative humidity
Cure Time:	24-72 hours*	*Cure time is dependent on temperature, humidity and depth of sealant applied
Vertical Sag:	0.1 inches	ASTM C639

Typical Uncured Physical Properties:

Color:	Clear
Appearance:	Non-slumping paste
Base:	Silane Modified Polymer
Odor:	Alcohol
Specific Gravity:	1.04
Shelf Life:	18 months from date of manufacture (unopened)
VOC Content:	2.95% by weight CARB 53.3 g/l SCAQMD rule 1168
Lot Code Explanation:	YYDDD YY= Last two digits of year of manufacture DDD= Day of manufacture based on 365 days/year
Example:	18061 = 61st day of 2018 = March 2, 2018

Typical Cured Performance Properties:

Color:	Clear	
Service Temperature:	-14°F (-25°C) to 158°F (70°C)	
Water Resistant:	Yes	
Paintable:	Yes, with latex paint or primer	
Bubble Resistant:	Yes	
Nail-Hole Filling:	DO NOT use as a nail hole filler or in touch-up applications on prefinished claddings and trim. Suitable only on unfinished or primed siding materials prior to painting. Follow prefinished cladding manufacturer's instructions for nail hole filling.	
180° Peel Adhesion:	ASTM C794	
PVC Trim:	27.3 lb/in	
Fiber Cement:	15.3 lb/in	
Coated (Painted) Aluminum:	16.4 lb/in	
Vinyl Siding:	54.7 lb/in	
Brick:	8.5 lb/in	
Fiberglass:	9.8 lb/in	
Hardness:	44	ASTM C661
Joint Movement:	± 50%	ASTM C719
Tensile Strength:	387 psi	ASTM D412
Maximum Elongation:	458%	ASTM D412

Specifications: Meets the performance requirements of:

- ASTM C 920: Type S, Grade NS, Use NT, Class 50 M, G and A
- Federal Spec. TT-S-00230C, Type II
- AAMA 808.3 (Type I) & 805.2 (Group C) Back Bedding/Glazing
- AAMA 713-08 Chemical Compatibility of Sealants
- ASTM C1382 (EIFS) • GreenGuard® Certified