

QUAD®

ARM YOURSELF AGAINST THE ELEMENTS

QUAD® All Season Formula sealant is designed for superior performance on exterior window, door, siding & trim applications. Self tooling, paintable and dust/dirt resistant with over 3,500 colors to ensure perfect color matches every time.

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OSITOUGH.COM





PRODUCT INFORMATION

Item #	Size	Color
Various	10 fl oz (295 ml)	Go to OSITOUGH.COM/colormatch to find your perfect color

Description: OSI QUAD Window, Door & Siding Sealant is an all season formula designed for superior performance on exterior window, door and siding applications. It can be applied to wet or dry surfaces, even at freezing temperatures. And unlike other sealants, it resists dirt & dust collection, yellowing and water washout. OSI QUAD is self-tooling and once cured is paintable with latex paints. Our color specialists work closely with leading window, door and siding manufacturers to ensure perfect color matches. OSI QUAD is composed of elastomeric polymers and high quality synthetic resins. This product offers the superior adhesion characteristics and unmatched elasticity found in high performance sealants. It yields a tough, rubbery seal which resists outdoor weather-related elements. The formula skins over in a short time to resist dirt and dust pickup. It goes on smoothly and has easy cut-off without stringing.

BUILDER/CONTRACTOR INFORMATION:

Features & Benefits:

- All-Weather, Superior Performance
- Permanently Flexible with 3X Stretch
- 20°F - 120°F and Wet Surface Application
- UV and Water Resistant - will not crack or yellow
- Resists Dust & Dirt Collection
- 3,500 Color Matches and Counting
- Paintable
- 4" Professional Spout

Recommended For:

OSI QUAD is used to seal around exterior windows and doors, fiber-cement and vinyl siding, PVC trim, roofing and gutters, bonds without a primer to most common substrates like cedar, painted or stained woods, fiberglass, vinyl, coated aluminum, steel, metal, brick, masonry and concrete.

For Best Results:

- Do not use for sealing expansion joints, including butt joints
- Not compatible with polystyrene foams and polypropylene or polyethylene plastics
- Do not use in applications requiring continuous water immersion
- Do not use as a traffic bearing sealant, on log homes or inside occupied structures
- For best results, should not be used in applications less than ¼" in depth in order to maintain the integrity of the sealant
- Do not use to fill nail holes
- For joints deeper than 3/8" (9.5 mm), a backing material should be used
- Tooling, feathering or smearing of the sealant is not necessary or recommended

ARCHITECT INFORMATION:

Coverage: For a 10 fl oz. (295 ml) cartridge:

- A 1/4" (6 mm) bead extrudes approximately 30.6 ft. (9.3 m)
- A 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.1 m)

Typical Application Properties:

Application Temperature:	Apply between 20°F (-6°C) and 120°F (49°C) For easier extrusion of sealant at lower temperatures, store cartridge at room temperature at least 24 hours prior to use	
Skin Formation Time:	4 to 6 minutes	At 72°F and 70% relative humidity
Cure Time:	7-14 days or longer*	*Cure time is dependent on temperature, humidity and depth of sealant applied
Extrusion Rate:	42 ml/min	ASTM C1183 (Procedure A)
Vertical Sag:	0 inches	ASTM C639

Typical Uncured Physical Properties:

Color:	Various colors	
Appearance:	Non-slumping paste	
Base:	Silane Modified Polymer	
Odor:	Alcohol	
Specific Gravity:	1.4 – 1.5	
Flash Point:	224.6° F (107° C)	
VOC Content:	2.48% by weight	CARB
	36 g/l	SCAQMD rule 1168`
Shelf Life:	24 months from date of manufacture (unopened) Under cool, dry storage conditions	
Lot Code Explanation:	YYDDD YY= Last two digits of year of manufacture DDD= Day of manufacture based on 365 days/year	
Example:	14061 = 61st day of 2014 = March 2, 2014	

Typical Cured Performance Properties:

Color:	Various colors	
Service Temperature:	-20°F (-29°C) to 200°F (93°C)	
Water Resistant:	Yes	
Paintable:	Yes, after sealant is fully cured	
Shrinkage:	23%	
Hardness:	22	ASTM C661
Joint Movement:	± 25%	ASTM C719
Tensile Strength:	Approx. 100 psi after 21 day cure ASTM D412 Die C	
Elongation:	550%	ASTM D412 DIE C
180° Peel Adhesion:	ASTM C794	
PVC Trim:	12.9 lbf	
Fiber Cement:	19.8 lbf	
Coated Aluminum:	12.8 lbf	
Vinyl Siding:	11.5 lbf	
Mortar:	17.9 lbf	

Specifications: Meets the performance requirements of:

- ASTM C 920: Type S, Grade NS, Class 25, Use NT
- Federal Spec. TT-S-00230C, Type II