

# OSI QUAD® MAX

THE FIRST  
LINE OF  
DEFENSE  
AGAINST THE  
ELEMENTS.

Simply put, QUAD® MAX delivers the toughness that really makes a job last. By providing superior protection against air and moisture, it gives you zero reasons to worry about a job once you've done it right the first time.

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[OSITOUGH.COM](http://OSITOUGH.COM)

WINDOW, DOOR & SIDING SEALANT

**QUAD**  
STRETCHES 5X MAX  
PROVEN WET & COLD APPLICATIONS

**OSI**  
TOUGHER THAN  
THE ELEMENTS™





# PRODUCT INFORMATION

Item #	Size	Color
1868684	9.5 fl oz (280 ml) cartridge	white (001)
Various colors	9.5 fl oz (280 ml) cartridge	see <a href="http://www.ositough.com">www.ositough.com</a>
2058483	19.2 fl oz (568 ml) sausage	white (001)

## BUILDER/CONTRACTOR INFORMATION:

### Features & Benefits:

- Proven Wet Surface Application
- Better Flexibility: 5x Stretch &  $\pm$  50% Joint Movement
- Consistent Bead in Hot or Cold Temperatures: 0°F to 140°F Application
- 24 Hour Fast Cure for Quicker Protection\*

### Recommended For:

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

- DO NOT use as a nail hole filler or in touch-up applications on prefinished exterior building materials. Follow prefinished cladding manufacturer's instructions for nail hole filling
- Not recommended for field joint/butt joint applications on pre-finished exterior claddings and trim materials
- Do not use on joints immersed in water or applications requiring continuous water immersion
- Do not use as a traffic bearing sealant or on log homes
- For joints deeper than 3/8" (9.5 mm), a backing material should be used

## ARCHITECT INFORMATION:

### Coverage:

For a 9.5 fl. oz. (280 ml) cartridge:

- A 1/4" (6 mm) bead extrudes approximately 29.1 ft. (8.9 m)
- A 3/8" (9.5 mm) bead extrudes approximately 13.3 ft. (4 m)

For a 19.2 fl. oz. (568 ml) sausage:

- A 1/4" (6 mm) bead extrudes approximately 58.8 ft. (17.9 m)
- A 3/8" (9.5 mm) bead extrudes approximately 26.9 ft. (8.2 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:	17-20 minutes	At 72°F and 70% relative humidity
Cure Time:	24-72 hours*	*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:	4,600 color matches listed on <a href="http://ositough.com">ositough.com</a>	
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:	14°F (-25°C) to 158°F (70°C)	
Water Resistant:	Yes	
Paintable:	Yes, with latex paint or primer	
Nail-Hole Filling:	DO NOT use as a nail hole filler or in touch-up applications on prefinished colored claddings and trim. Suitable only on unfinished or primed siding materials prior to painting. Follow prefinished cladding manufacturer's instructions for nail hole filling.	
Bubble Resistant:	Yes	
Hardness:	32	ASTM C661
Joint Movement:	$\pm$ 50%	ASTM C719
Tensile Strength:	234 psi	ASTM D412
Maximum Elongation:	577%	ASTM D412
180° Peel Adhesion:	ASTM C794	
PVC Trim:	47.6 lb/in	
Fiber Cement:	47.0 lb/in	
Coated (Painted) Aluminum:	51.1 lb/in	
Vinyl Siding:	54.7 lb/in	
Mortar:	42.0 lb/in	

**Specifications:** • 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) Exterior Perimeter Sealing • AAMA 802.3 (Type I) & 805.2 (Group C) Back Bedding/Glazing • AAMA 713-08 Chemical Compatibility of Sealants • ASTM C1382 (EIFS) • GreenGuard® Certified

Visit **OSITOUGH.COM** for complete Technical Data Sheets  
For Technical Assistance, call 1-800-624-7767  
Mon.- Fri. 9:00 am - 4:00 pm ET