



# TECHNICAL DATA SHEET

## PVC TRIM MOUNTING ADHESIVE

# PVC TRIM MOUNT

FAST GRAB  
POLYURETHANE



**Description:** OSI PVC Trim Mount Fast Grab Mounting Adhesive, is specifically designed to fasten cellular PVC trimboard to the exterior of a home. It features an innovative fast grab formula designed to lend an extra set of hands on the job. OSI PVC Trim Mount's premium formula delivers durable polyurethane strength and will last as long as the surfaces it joins together. It cures in 24 hours and is water & weatherproof and bonds to a wide variety of building materials under any conditions.

### Available As:

Item #	Size	Color
1429651	10 fl oz (295 ml)	Grey

### Features & Benefits:

- Adheres Cellular PVC Trim to the Home
- Fast Grab Formula
- Durable Polyurethane Strength
- Water- and Weather-Proof

### Recommended For:

Fastening cellular PVC trimboard to the exterior of the home. Bonds most common construction materials such as wood, treated wood, hardwood flooring, concrete, stone, marble, slate, masonry, brick, foam insulation of all sorts, carpets, metal, lead, cement-based products, ceramic, fiberglass, drywall and mirrors.

### For Best Results:

- Not recommended for water submersion applications
- Do not use on polystyrene, polyethylene or polypropylene
- Certain materials such as rubbers and plastics may have bonding difficulties. Test before use.

### 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)



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## Typical Uncured Physical Properties:

Color:	Grey	
Appearance:	Thick paste	
Base:	Polyurethane	
Odor:	Minimal	
Specific Gravity:	1.30	
Flash Point:	200° F (93° C)	
Viscosity:	18,000 cps	
VOC Content:	1.7% by weight	CARB
	22 g/l	SCAQMD rule 1168
Shelf Life:	12 months from date of manufacture (unopened)	
Lot Code Explanation:	3LYDDDHP11	
	Y= Last digit of year of manufacture	
	DDD= Day of manufacture based on 365 days in a year	
	Example: 3L4028HP11 = 28 <sup>th</sup> day of 2014 = January 28, 2014	

## Typical Application Properties:

Application Temperature:	The adhesive should be above 40°F (5°C) and below 95°F (35°C)	
	For best results, store adhesive at 59°F (15°C) before use.	
Open Time:	20 minutes	At 78°F and 70% relative humidity
Clamping Time:	24 hours	
Cure Time:	24-48 hours*	
	*Time is dependent on temperature, humidity, porosity of substrate and amount of adhesive applied	
Extrusion force:	130 lbs	At 73°F

## Typical Cured Performance Properties:

Color:	Grey	
Service Temperature:	0°F (-18°C) to 160°F (71°C) 0°F (-18°C) to 250°F (121°C)	Long-term exposure Short-term exposure
Water Resistant:	Yes	
Paintable:	Yes	
Compression Shear Strength:	ASTM D3498 Douglas Fir to Douglas Fir Plywood	
Dry Lumber Bonding:	809 psi (5.6N/mm <sup>2</sup> )	
Wet Lumber Bonding:	671 psi (4.6 N/mm <sup>2</sup> )	
Frozen Lumber bonding:	683 psi (4.7 N/mm <sup>2</sup> )	
Gap Filling:	631 psi (4.4 N/mm <sup>2</sup> )	
Moisture Resistance:	867 psi (6.0 N/mm <sup>2</sup> ) no delamination	
Bond Strength Development:	At 73°F Douglas Fir to Douglas Fir Plywood	
6 hours cure:	360 psi (2.5 N/mm <sup>2</sup> )	
8 hours cure:	618 psi (4.3 N/mm <sup>2</sup> )	
16 hours cure:	706 psi (4.9 N/mm <sup>2</sup> )	
24 hours cure:	862 psi (5.9 N/mm <sup>2</sup> )	
Compression Shear Strength:	Stone Bonding	
Granite (unpolished) to Douglas Fir Plywood:	865 psi (6.0 N/mm <sup>2</sup> ) 7 day cure	
Marble (unpolished) to Douglas Fir Plywood:	950 psi (6.6N/mm <sup>2</sup> ) 7 day cure	



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Granite to Granite (unpolished):	658 psi (4.5 N/mm <sup>2</sup> )		7 day cure + 24 hr water immersion
Marble to Marble (unpolished):	423 psi (2.9 N/mm <sup>2</sup> )		7 day cure + 24 hr water immersion
Compression Shear Strength:			Various Substrates
OSB to Expanded Cellular PVC:	365 psi (2.5 N/mm <sup>2</sup> )	Wood failure	24 hour cure
PVC Trim Molding to Pine:	624 psi (4.3 N/mm <sup>2</sup> )		24 hour cure
Fiber cement to Douglas Fir Plywood:	389 psi (2.7 N/mm <sup>2</sup> )	Substrate failure	7 day cure
Fiber Cement to Douglas Fir Plywood:	380 psi (2.6 N/mm <sup>2</sup> )	Wood failure	14 day cure + water immersion
Tensile Shear Strength:			Lap Shear Strength
Douglas Fir Plywood to Stainless Steel:	777 psi (5.4 N/mm <sup>2</sup> )	Wood failure	
Douglas Fir Plywood to Hot Galvanized Steel:	665 psi (4.6 N/mm <sup>2</sup> )	Wood failure	
Specifications:		<ul style="list-style-type: none"><li>• APA AFG-01</li><li>• ASTM D 3498</li><li>• ASTM C 557</li><li>• FHA Bulletin UM-60</li></ul>	

## Directions:

### Tools Typically Required:

Utility knife, caulking gun, tool to puncture cartridge seal, plant mister bottle containing water. For best application results, OSI recommends the use of a high quality caulking gun such as the Albion® B12 Cartridge Gun.

### Safety Precautions:

Wear gloves. Cured adhesive on bare skin will not come off immediately with washing and will cause skin to darken. Cured adhesive and discoloration will come off in about 3 days.

### Preparation:

Use above 40°F (5°C). For easier application, ensure the product temperature is 59°F (15°C) or higher. Surfaces must be clean and free of frost, standing water, grease, dust and other contaminants. Pre-fit all materials and protect finished surfaces. Cut nozzle at a 45° angle to required opening, usually ¼ inch or wider. Puncture the inner seal of the cartridge. The foil seal must be completely opened using a tool of similar size as the opening. Be very careful not to allow OSI PVC Trim Mount to cure on a finished surface.

### Application:

Apply adhesive to one surface of the material being bonded. Press the surfaces firmly together. Materials may be repositioned within 20 minutes after applying the adhesive. If bonding two non-porous surfaces (such as foam, metal and fiberglass or under very dry conditions (less than 30% relative humidity), add water in the form of a very light or atomized spray from a plant mister bottle to the extruded adhesive. The repositioning time will then be reduced to less than 15 minutes. Use mechanical support for 24 hours while the adhesive cures. Cure time is dependent upon temperature, humidity, porosity of substrate and amount of adhesive used. Low temperature and humidity will slow cure time. When bonding EPS and XPS foam insulation, avoid cure and surface temperatures above 90°F (32°C).

For installing PVC trimboard to the exterior of the home, use OSI PVC Trim Fasteners following the application of the adhesive to ensure a quality installation. Consult the manufacturer's instructions for complete installation information.

### Clean-up:

Clean tools and excess uncured adhesive residue immediately with mineral spirits following solvent manufacturer's precautions. Clean tools in a well-ventilated area, away from sparks and flames. OSI PVC Trim Mount must be removed mechanically once cured.

## Storage & Disposal:

NOT DAMAGED BY FREEZING. After completion of work, seal cartridge nozzle tightly with aluminum foil. Wrap the foil tightly around the nozzle and seal it with tape. Applying petroleum jelly around the opening before sealing with aluminum foil can create a more airtight seal. Product cures with exposure to moisture. Use an approved hazardous waste facility for disposal.

## Label Precautions:

**WARNING! HARMFUL IF INHALED. EYE, SKIN AND RESPIRATORY IRRITANT. MAY CAUSE SKIN AND RESPIRATORY SENSITIZATION.**



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**WARNING:** Contains methylene diisocyanate (MDI). Individuals with lung or breathing problems or prior sensitization to isocyanates should not use this product. Avoid breathing vapors. Avoid contact with eyes and skin. Prolonged or repeated exposure may cause dermal or respiratory sensitization, effects may be permanent. Gloves recommended. **FIRST AID:** If swallowed, call a physician or Poison Control Centre immediately. Do not induce vomiting. For eye contact, flush with water for 15 minutes, call a physician. For skin contact, wash thoroughly with soap and water. If inhaled, move to fresh air. If symptoms develop or persist, get immediate medical attention. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Refer to the Safety Data Sheet (SDS) for further information.

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**Limited Warranty:**

This product is warranted to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This limited warranty gives you specific legal rights, which vary from state to state. Henkel may be contacted at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET for warranty assistance.

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