

PL 400

Heavy Duty Construction Adhesive

Product Description

PL400 provides the ultimate in bonding capabilities and is especially formulated for all heavy-duty construction, interior or exterior... wherever a powerful, permanent bond is required.

For Bonding:

- Wood
- Metal
- Concrete & masonry
- FRP panels

Advantages

- Virtually unaffected by weather extremes
- Formulated for heavy duty construction
- Interior / Exterior
- Also available in VOC compliant formula

Installation

Surfaces should be clean, dry and free from all foreign materials which would adversely affect positive adhesion. Cut spout to desired bead size and puncture seal inside spout. Apply adhesive in a continuous bead to joists, studs or back side of siding or panels, whichever is appropriate. Be certain that all outer edges and centers are adequately supplied with adhesive to assure a complete and total bond. Use nails - sparingly - for support and as an aid to alignment during installation. Be careful not to smear adhesive beads. A full 3/8 inch bead will assure proper bonding. Do not apply at temperatures below 10°F. Allow 48 hours for curing and before additional coverings are placed over adhered surfaces.

Clean Up

Cleanup should be performed at the end of each day using mineral spirits according to solvent manufacturers directions. Clean tools in a well-ventilated area, away from sparks and open flame.

Limitations

- Do not use with polystyrene foams or tub surrounds. PL300 is recommended for all types of foam.
- Interior applications require ventilation during application and cure.

Specifications

Meets or exceeds APA AFG-01, ASTM D 3498 and conforms to HUD requirements.

PHYSICAL PROPERTIES

Type:	Synthetic Rubber in Solvent
Form:	Non-sag mastic
Appearance/Color:	Tan
Solubility (in water):	Not soluble
Freeze-thaw:	Will not freeze
Specific Gravity:	1.10
VOC	370 g/l
Volatile, Weight:	Approx 33%
Working Time:	15 to 30 minutes
Initial Set:	12 to 24 hours
Full Cure:	2 to 7 days
Application Temp.:	10° F to 100°F
Service Temp.:	-20° F to 150°F

Packaging

10.2 oz (301 ml) cartridges, 12 pack, 11 lbs
28 oz (828 ml) cartridges, 12 pack, 28 lbs

Coverage

10.2 oz, 3/8" bead: Approx. 14 lin.ft./cartridge
28 oz, 3/8" bead: Approx. 38 lin.ft./cartridge

Shelf Life

12 months from date of manufacture, unopened.

TECHNICAL DATA SHEET



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DANGER!

EXTREMELY FLAMMABLE. Contains Naphtha solvent, Toluene and Ethanol. Keep from heat, sparks and flame. Vapors may ignite explosively. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Prevent build up of vapors by opening all windows and doors to achieve cross ventilation. May cause eye, skin and respiratory irritation. May cause central nervous system effects, including dizziness, headache or nausea. Contains n-Hexane which can cause peripheral polyneuropathy and central nerve damage.

KEEP OUT OF REACH OF CHILDREN

Warning

Contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

First Aid

Skin contact, wash off quickly with plenty of water, then soap and water. If in eyes, flush thoroughly with plenty of water for 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

For additional information, please refer to the MSDS. For medical emergency, call Chemtrec at (800) 424-9300.

Notice

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. Wash thoroughly after handling. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Notice to Purchaser

OSI Sealants Inc. warrants the quality of this product when used according to directions. User shall determine suitability of product for use and assumes all risk. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE NOT EXPRESSLY SET FORTH HEREIN. If not satisfied with the product's performance when used as directed, return sales receipt and used container to OSI Sealants Inc., 7405 Production Drive, Mentor, Ohio 44060 for product replacement. The seller will not accept liability for more than product replacement.

For commercial use contact PL Technical Department at (800) 624-7767 or (440) 255-8900 or visit our website at www.stickwithPL.com.

PL Adhesives & Sealants

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