

Pro-Series[®]

SW-325 Shear & Drywall Adhesive

PHYSICAL PROPERTIES:

Type:	Polyvinyl Acetate
Color:	Cream
Solids by Weight Approx.	70%
Net weight /gal.:	11 – 11.5 lbs./gal.
Viscosity:	225,000 - 325,000 cps
Flash Point	None
Flammability:	Non-Flammable
Toxicity:	Toxic if swallowed (See MSDS)
Open Time *:	20 minutes @ 70° F., 50% RH
Cure Time:	48 hours, varies with temperature and humidity
Application Temperature **:	40° F. to 100° F.
Service Temperature:	10° F. to 160° F.
Freeze-Thaw Stability:	3 cycles
Shelf Life:	1 year from date of manufacturer
Clean Up:	Water and soap before curing
VOC Level:	<2 g/l (less exempt solvent)

DESCRIPTION

Pro-Series[®] SW-325 is a high performance latex-based construction adhesive designed for drywall applications and fabricating shear wall rated assemblies. This adhesive is non-flammable, environmentally safe and VOC compliant for all interior and in-plant construction use. Product offers fast strength development with high shear strength values. SW-325 is also well suited for many other interior construction projects where high bond strength is needed.

FEATURES

- VOC Compliant
- Non Flammable
- Fast Set, Fast Cure
- High Bond Strength
- Designed for Shear Wall Construction
- ASTM E72 Tested
- Allows Reduced Fasteners
- Bonds Drywall, Wood, Foamboard, and decorative Paneling

USES

Pro-Series[®] SW-325 is primarily used in the Manufactured Housing industry for recreational and prefab modular manufacturing. Designed for bonding drywall to wood or metal

studs, foamboard and decorative paneling to wood furring strips or concrete walls. Product can also be used in most interior construction projects including home remodeling projects, repair maintenance projects, and other general interior projects. Building materials that may be bonded include drywall, paneling, and all types of wood trim, plywood, hardboard, particleboard, counter tops, and many other similar materials.

LIMITATIONS

- Keep from Freezing
- Do not use below 40° F (5°C).
- Not recommended for use on mirrors or underwater applications.
- Not recommended for exterior use.

SPECIFICATIONS

- Tested per ASTM E72, Section 14, Racking Load Evaluation of Sheathing Materials on a Standard Wood Frame.
- Conforms to the performance characteristics of ASTM C557.
- Meets California's low VOC requirements for adhesives.
- SCAQMD Rule 1168 V.O.C.; CARB; and BAAQMD compliant

STORAGE

Keep from freezing. Store in cool, dry place, preferably at 70° ± 5° F for long shelf life.

* NOTE: Open time can vary due to prevailing environmental conditions present at the time of application, such as temperature, humidity and wind velocity. OSI recommends that only enough adhesive be applied so that each component can be positioned and fastened in place with 15 - 20 minutes to ensure maximum bond strength.

** For fast, smooth, easy application during cold weather, adhesive should be kept at room temperature (60° F. minimum) 24 hours prior to use.

PACKAGING

- 29 oz. (857 ml) cartridges:
12 per case (Item No. 32529)
- 50 gallon drum:
Special order (Item No.32599)

COVERAGE:

- 1/4" bead size:
approx. 89 lin. ft./ 29 oz.
- 3/8" bead size:
approx. 40 lin. ft./ 29 oz.

APPLICATION PROCEDURES

Preparation: All surfaces must be clean, dry and structurally sound. Surfaces must be free of dirt, dust, mud, oil film, snow, ice, standing water, and other foreign materials that may affect adhesion prior to using adhesive. Concrete or block walls must be well cured, dry, and free of any release agents.

Special Note: Actual cure times may vary depending upon ambient conditions at the time of application.

General Construction Use

Pre-cut and fit all materials before applying adhesive. All materials should be glued together within 15-20 minutes after adhesive application. If work is delayed, remove excess adhesive and begin again.

Paneling and Foamboard Panels

Apply continuous beads of adhesive to studs or furring strips (wood or metal). For wall surfaces, apply continuous parallel beads of adhesive 12-16 inches O.C. Position panel and press firmly in place. Use finishing nails or mechanical fasteners along top and bottom edges to hold panels in place. Temporary blocking of panels may be necessary until adhesive sets or if panels show evidence of warping.

Drywall

Apply adhesive in same manner as for paneling. Permanent mechanical fasteners are required 16 inches O.C. around perimeter of panels. Field fasteners may be required if gypsum board shows evidence of warping. NOTE: Field

fasteners are required 24 inches O.C. for all ceiling applications in addition to perimeter fasteners when using adhesives. For Manufactured Housing applications, follow prescribed fabrication procedure and fastening schedules outlined in the respective manuals according to ASTM E72 specifications.

CAUTION!

CONTAINS ETHYLENE GLYCOL. Avoid eye contact. Do not take internally. If swallowed, may cause abdominal discomfort. Keep From Freezing.

KEEP OUT OF REACH OF CHILDREN

WARNING: Contents partially unknown. This product may contain a chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

WARRANTY

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.

QUESTIONS?

For Commercial use or other questions pertaining to this product, call OSI Technical Service at 800-624-7767 (440-255-8900 outside the U.S.A.) or visit our web site at www.osisealants.com.



OSI Sealants, Inc.
7405 Production Drive
Mentor, Ohio 44060
U.S.A.

Telephone:
(800) 624-7767
(440) 255-8900

Fax:
(440) 255-1008

sO11325