



TECHNICAL DATA



**DRYWALL
& PANEL
CONSTRUCTION
ADHESIVE**

OSI® GreenSeries™ Drywall & Panel Construction Adhesive is a professional grade, latex-based construction adhesive designed for drywall and other panel applications. This non-flammable, low gassing adhesive can be used for all interior and in-plant construction use. This ultra low VOC product offers fast strength development and high shear strength, making it well suited for a variety of construction projects requiring high bond strength. The product's unique formulation offers Green Builders a high performance construction adhesive over traditional solvent based adhesives without sacrificing strength and performance. Engineered for use with most building materials.

FEATURES

- Nonflammable
- Environmentally friendly
- Ultra low VOC
- GREENGUARD approved
- Meets LEED requirements
- Fast set, fast cure
- Allows reduced fasteners
- Designed for shear wall construction
- Bridges gaps and minor framing irregularities.
- Reduces job call backs

PHYSICAL PROPERTIES

Type	Polyvinyl Acetate
Color	Off white
Solids by weight	70%
Viscosity	225,000 – 325,000 cps approx.
Flammability	Nonflammable
Flash Point	None
Open Time	20 min. @ 70°F., 50% RH
Cure Time	48 hrs, depending on humidity & temperature
Application Temperature	40°F - 100°F
Service Temperature	10°F - 160°F
Freeze-Thaw Stability	3 cycles
Shelf Life	1 year from date made
PH level	7-8
VOC Level	<2g/l or <0.1% by wt.
Weight	11 – 11.5 lb./gal
Clean-up	Water and soap before curing

USES

Drywall & Panel Construction Adhesive is best suited for bonding drywall to wood or metal framing. Also works well for adhering foamboard, decorative paneling, and other types of panels to wood furring strips, concrete walls or drywall. Product can be used in most interior remodeling or repair projects. Bonds to drywall, paneling, all types of wood trim, plywood, hardboard, OSB, countertops and similar materials. Can be used for recreational and prefab modular manufacturing.

SPECIFICATIONS

- Tested per ASTM E72, Racking Load Evaluation of Sheathing Materials on a Standard Wood Frame.
- GREENGUARD Certified
- Conforms to the performance characteristics of ASTM C557.
- SCAQMD Rule 1168 V.O.C.; CARB; and BAAQMD compliant

LIMITATIONS

- Do not use below 40° F (5°C).
- Not recommended for use on mirrors or underwater applications.
- Do not use outdoors if rain is expected in 24hours.

PACKAGING

28 oz. cartridges – 12 per case (Item No. GS39928)

STORAGE

Store in cool, dry location at room temperature. 12 month shelf life, unopened. KEEP FROM FREEZING.

COVERAGE

3/8" round bead size: approx. 40 lin. ft. per 28 oz. cartridge.
 ¼" round bead size: Approx. 86 lin. ft. / 28oz cartridge.

APPLICATION PROCEDURES

All surfaces must be clean and free of dust, dirt, oil, film, snow, ice, standing water and other foreign substances. Concrete or block walls must be well cured, dry and free of release agents.

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

General Construction Use

Pre-cut and refit 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

Apply continuous beads of adhesive to studs or furring strips. For wall surfaces, prepare surface and apply continuous parallel beads 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 and crystalline silica. Avoid eye contact. Do not take internally. If swallowed, may cause abdominal discomfort. Use with adequate ventilation. Refer to MSDS.

WARNING: This product contains a chemical known to the State of California to cause cancer.

KEEP OUT OF REACH OF CHILDREN

FIRST AID

Eye Contact: In case of eye contact, flush with clean water for at least 20 minutes. Skin Contact: Wash skin thoroughly with soap and water. Ingestion: Do not induce vomiting. Seek medical attention.

NOTICE TO PURCHASER

Henkel Corporation warrants this product when used according to directions. If not satisfied with the product's performance when used as directed, return sales receipt and used container to Henkel Corporation, 32150 Just Imagine Drive, Avon OH, 44011 for product replacement or refund. User shall determine suitability of product for use and assumes all risk.

QUESTIONS?

For commercial use or other questions pertaining to this product, call Henkel Technical Service at 800-321-0253 M-F, 9am – 4pm. or visit our website at www.greenseries.com.

The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.



Henkel Corporation

Professional and Consumer Adhesives
32150 Just Imagine Drive
Avon, OH 44011
U.S.A.

Phone: (440) 937-7000

Fax: (440) 937-7092