



# HELMIBOND 6522

## WALL PANEL ADHESIVE

### Product Description

HELMIBOND 6522 is a solvent-free, acrylic adhesive formulated to permanently install vinyl wall panels and other various types of wall materials.

### Benefits

- ✓ Non-Flammable
- ✓ Solvent-free
- ✓ Excellent moisture and alkali resistance
- ✓ Excellent plasticizer resistance
- ✓ In bucket anti-microbial protection
- ✓ When dry, does not promote growth of mold or mildew
- ✓ Low odor
- ✓ Easy to trowel
- ✓ Sets to a hard setting, permanent bond
- ✓ Easy clean up
- ✓ FloorScore® Certified by SCS Global Services

### LEED Points Contribution

MR Credit Regional Materials  
IEQ Credit 4.1 Low-Emitting  
Materials Adhesives and Sealants

### LEED Points

Up to 2 points  
1 point


### Testing Methods

- Freeze-thaw stability (ASTM D7149)
- Shelf Life (ASTM D1337)
- Adhesive Shear Strength (ASTM D6004)
- 90° Peel Resistance (ASTM D6862)
- Plasticizer Resistance (ASTM D7888)
- Heat Aged Expansion/Contraction

### Physical Properties

<b>Weight/Gal:</b>	9.7 lb
<b>Color:</b>	Off-White
<b>Consistency:</b>	Smooth Paste
<b>Working Time:</b>	20 - 30 minutes
<b>VOC:</b>	<1 gram/liter per SCAQMD Rule1168
<b>Freeze-thaw:</b>	5 cycles @ 0°F. If adhesive has frozen, thaw under normal room temperature
<b>Shelf Life</b>	1 year in an unopened properly stored container

### Coverage

TROWEL	SPACING	COVERAGE
	3/16" Square Notch	30-40 ft <sup>2</sup> per gallon

### Packaging

- HELMIBOND 6522 is available in 1-gallon and 4-gallon pails.

### Acclimation

The area to receive wall panels shall be fully enclosed, weather tight, with an installed operating HVAC system. The installation area, wall materials and adhesive must be acclimated at a temperature between 65 – 85° F for 48-hours prior to, during and after installation. The relative humidity of the installation area shall be maintained between 35 - 55%.

### Surface Preparation

HELMIBOND 6522 can be used on porous/absorbent wall surfaces. Wall surface must be smooth and flush. Seam joints shall be filled with appropriate filler intended for use with wall surface. Surface to be covered must be dry, clean and free of any foreign materials such as dirt, dust, grease, loose paint, wall paper, etc. that may prevent a proper bond. A bond test should be conducted to ensure proper adhesion is achieved.

### Application

Apply adhesive evenly with a  $\frac{3}{16}$ " Square Notch trowel. Hold trowel at a 60° angle. Replace trowels with worn notches. Do not re-notch worn notches.

Note: The  $\frac{3}{16}$ " Square Notch trowel recommendation is based on 4' x 8' panels or similar. Alternate trowel notching may be required based on the size, gauge and weight of various wall materials.

After adhesive has been applied, immediately position wall panel on wall surface. Apply pressure to panel and roll entire panel with a wall roller to ensure adhesive transfer to wall surface. Failure to ensure good transfer of adhesive to wall surface may result in wall panel debonding.

### Clean-up

Remove wet adhesive immediately with a clean cloth dampened with mineral spirits, isopropanol or acetone. Cured adhesive is very difficult to remove. Do not apply solvents directly to flooring. **Use caution when handling flammable solvents.**

### General Warranty & Precautions

Helmitin warrants its private label adhesive formulations to be free of all manufacturing defects. The warranty period shall be in place for one (1) year from the date of installation and will also be guided by the date of manufacture to insure the integrity of the formulation and that proper storage and shipment of same has taken place. Please contact Helmitin for detailed warranty information. Carefully read and follow all precautions and warnings. Keep out of reach of children. For complete safety information, refer to Safety Data Sheet (SDS) available from Helmitin Inc.

*Statements and recommendations made herein are based on tests believed to be reliable. However, no guarantee of their accuracy or completeness is made. Unless otherwise provided in written contract, products are sold without warranties or conditions expressed or implied. Purchasers must make their own tests to determine the suitability of our products for their particular purpose.*

#### HELMITIN ADHESIVES

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