

GREAT STUFF PRO™ WALL & FLOOR ADHESIVE

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 For more information call:
 1-800-474-7570, 602-272-8128
 Website: www.bestmaterials.com
 E-mail: sales@BestMaterials.com

PRODUCT NAME

GREAT STUFF PRO™
 Wall & Floor Adhesive

MANUFACTURER

The Dow Chemical Company
 Dow Building Solutions
 200 Larkin
 Midland, MI 48674
 1-866-583-BLUE (2583)
 Fax 1-989-832-1465

Dow Chemical Canada ULC
 Dow Building Solutions
 450 – 1st St. SW, Suite 2100
 Calgary, AB T2P 5H1
 1-866-583-BLUE (2583) (English)
 1-800-363-6210 (French)

www.dowgreatstuff.com

PRODUCT DESCRIPTION

GREAT STUFF PRO™ Wall & Floor Adhesive is a heavy-duty adhesive specially formulated to bond subfloors, drywall, paneling, foam panels and most construction materials. Better than traditional adhesives because of its excellent bonding power on dry, damp and even frozen lumber, GREAT STUFF PRO™ Wall & Floor Adhesive provides a fast-grab tack and long-term high-strength bond. It bonds to lumber, plywood, particle board, masonry, drywall, concrete and foam panels. It is ideal for anchoring, joining and stabilizing insulated concrete forms and structural insulated panels. (GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant can also be used to seal gaps in the forms and prevent leakage of the fresh concrete during the pouring stage.) GREAT STUFF PRO™ Wall & Floor Adhesive is cream in color and is easy to apply in various weather conditions.

PROPERTIES

GREAT STUFF PRO™ Wall & Floor Adhesive is a single-component, moisture-cured polyurethane foam adhesive for interior and exterior use. It is designed to:

- Secure subflooring
- Attach drywall
- Fasten paneling
- Secure exterior sheathing

TABLE 1: FEATURES AND BENEFITS OF GREAT STUFF PRO™ WALL & FLOOR ADHESIVE

Feature	Benefit
Excellent adhesion	<ul style="list-style-type: none"> • Long-term stable bond • Reduces nail pops in drywall/subfloor • Reduces floor and stair squeaks • Fewer callbacks and repairs • Reduces fastener use
Gun-applied	<ul style="list-style-type: none"> • Easy to use
Significantly higher yield than traditional caulk adhesive	<ul style="list-style-type: none"> • Cost-effective
Bonds dry, treated, damp and frozen surfaces	<ul style="list-style-type: none"> • Can be used under almost all weather conditions • Enhanced productivity

TABLE 2: PROPERTIES OF GREAT STUFF PRO™ WALL & FLOOR ADHESIVE

Property	Value
Tack-free, min. (75°F [24°C], 50% RH)	14
Initial Bond, hours*	Approx. 2
Full Bond, days*	7
Color	Cream
Shelf Life, months	12
Application Temperature, °F (°C)	32 to 100 (0 to 38)

* When applied properly

- Minimize use of mechanical fasteners

Features and benefits of GREAT STUFF PRO™ Wall & Floor Adhesive are listed in Table 1. GREAT STUFF PRO™ Wall & Floor Adhesive exhibits the properties shown in Table 2.

SIZES

GREAT STUFF PRO™ Wall & Floor Adhesive is available in 26.5 oz (751 g) containers. One container can replace up to 16 quart tubes of traditional caulk adhesive when applied at 1/4" beads.

SAFETY AND CONDITIONS OF USE

- Read the label and Material Safety Data Sheet carefully before use.
- GREAT STUFF PRO™ Wall & Floor Adhesive contains isocyanate and a flammable blowing agent. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Use in well-ventilated areas or wear

proper respiratory protection. Isocyanate is irritating to the eyes, skin and respiratory system, and may cause sensitization by inhalation or skin contact.

- GREAT STUFF PRO™ Wall & Floor Adhesive is very sticky and will adhere to most surfaces and skin. Do not get foam on skin. Wear long sleeves, gloves, and goggles or safety glasses. Cured foam must be mechanically removed or allowed to wear off in time.
- The contents are under pressure. The can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources of heat. Do not place can in hot water. Do not puncture, incinerate or store at temperatures above 120°F (49°C).
- GREAT STUFF PRO™ Wall & Floor Adhesive should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces. Cured GREAT STUFF PRO™ Wall & Floor Adhesive is combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C).

INSTALLATION

GREAT STUFF PRO™ Wall & Floor Adhesive is easy to apply using a PRO Series foam dispensing gun. To ensure best adhesion performance, GREAT STUFF PRO™ Wall & Floor Adhesive should be applied to substrates that are structurally sound and free of standing water, snow, ice, dirt, mud, oil or other loose materials and release agents that may impair adhesion. Painted surfaces and protective coatings should be removed, sanded or thoroughly roughened. Concrete and masonry substrates should be cured before bonding. Materials should be cut and fit-checked before applying adhesive.

Shake container vigorously for one minute before dispensing and between uses. To attach a PRO Series foam dispensing gun, invert can and screw gun onto adapter, then adjust flow control knob to adjust bead size (1/2" [13 mm] recommended).

Adhesive can be applied in a continuous zigzag bead or in parallel beads, ensuring that the adhesive layer will completely cover joists and framing where wood panels and drywall edges abut.

Construction material can then be positioned over the substrate, and

firm pressure applied. Substrates should be butted together within 10 minutes of dispensing adhesive. If bead has skinned over, it must be scraped off and reapplied. Supplemental mechanical fasteners should be installed after applying adhesive for best bond. Initial bond typically occurs within two hours, with full cure in seven days depending on conditions. Cure times will be shorter at higher temperature and humidity, and longer at lower temperature and humidity.

Excess adhesive can be cleaned from the substrate while still uncured using a dry cloth, putty knife or paint scraper. Cured adhesive must be mechanically removed.

GREAT STUFF PRO™ Wall & Floor Adhesive should not be used in continuous underwater applications or on substrates with surface or standing water present.

For more information, consult the installation instructions (Form No. 179-07439/178-00378) or contact your Dow sales representative.

STORAGE AND SHELF LIFE

GREAT STUFF PRO™ Wall & Floor Adhesive should be stored between 65°F and 85°F (18°C and

29°C) for fast and easy application performance. GREAT STUFF PRO™ Wall & Floor Adhesive has a shelf life of 12 months when stored in the original closed container. Open containers should be stored upright attached to dispensing gun when not in use. See package labeling for more information.

STANDARDS

GREAT STUFF PRO™ Wall & Floor Adhesive complies with the following standards:

- ASTM D3498 – Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems
- HUD UM 60a – Performance specification for all flooring adhesive products used in HUD manufactured housing
- ASTM D6464 – Standard for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing
- California Specifications CA 25-4 – Standard for the Evaluation of Adhesives for Structural Use in Multi-unit Manufactured Housing and Commercial Coach Construction

Contact your Dow sales representative or local authorities for state/provincial and local building code requirements and related acceptances.

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CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

GREAT STUFF PRO™ Insulating Foam Sealants contain isocyanate and a flammable blowing agent. Read the label and Material Safety Data Sheet carefully before use. Eliminate all sources of ignition before use. Wear long sleeves, gloves, and safety glasses or goggles. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.

www.dowgreatstuff.com

IN THE U.S.

FOR TECHNICAL INFORMATION: 1-866-583-BLUE (2583)

FOR SALES INFORMATION: 1-800-232-2436

THE DOW CHEMICAL COMPANY

Dow Building Solutions • 200 Larkin • Midland, MI 48674

IN CANADA

FOR TECHNICAL INFORMATION: 1-866-583-BLUE (2583) (English) • 1-800-363-6210 (French)

FOR SALES INFORMATION: 1-800-232-2436 (English) • 1-800-565-1255 (French)

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Dow Building Solutions • Suite 2100 • 450 – 1st St. SW • Calgary, AB T2P 5H1

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