

StormBoard® Performance Wall Panel

Technical Specifications

PRODUCT NAME

StormBoard® Performance Wall Panel

PRODUCT DESCRIPTION

Grades: Standard Grade (green) .078"
Structural Grade (red) .113"

Basic Use: StormBoard Performance Wall Panel is used, to provide support for interior and exterior wall surfaces for the lifetime of the structure. Installing sheathing on an entire home or structure is generally the most common industry practice. Several additional uses exist, including corner bracing.

Precautions and Limitations: Refer to individual code reports for the various findings and limitations applicable to the specific code areas of influence.

Composition and Materials: StormBoard is composed of high-quality, long-fibered, specially treated water and weather-resistant plies. Plies are pressure laminated. A special water-resistant adhesive is used. Standard sizes are 48" x 96", 48.75" x 96", 48" x 108" and 48.75" x 108".

TECHNICAL DATA

Construction Specifications Institute Identification Codes:

| | |
|---------------------------|-------|
| Sheathings | 06115 |
| Structural Panels | 06120 |
| Building Insulation | 07210 |
| Firestopping (draft stop) | 07270 |

Applicable Standards: StormBoard meets and/or exceeds HUD/FHA material release No. 286 (Structural); 840 (Standard). For more information please see evaluation reports.

Perm Rating: Perm ratings range from 0.53 - 0.63 depending on grade.

INSTALLATION

Standard Grade~Green, .078"

1. An approved corner bracing is required when installed on standard wood framing up to 24" o.c. StormBoard is attached to the framing with 1¹/₄" galvanized roofing nails, 16 gauge 7¹/₁₆" crown x 1¹/₄" leg staples or 1" crown x 1¹/₄" leg staples spaced 6" o.c. on all panel edges and 12" o.c. on intermediate supports.
2. All joints shall occur over studs, plates or solid blocking. Joints may be lapped

or butted. Butt joints shall be gapped 1¹/₁₆" minimum.

3. Cut or trim with saw, knife or router.
4. StormBoard shall not be used as a nail base.

Structural Grade~Red, .113"

1. When installed on maximum 16" o.c. framing with 1¹/₄" galvanized roofing nails, 16 gauge 7¹/₁₆" crown x 1¹/₄" leg staples spaced 3" o.c. on all panel edges and 6" o.c. on intermediate supports, it is a shear panel and no corner bracing is required. (This fastening schedule is only required for sheets used as shear panels.)
2. When installed for use as a non-structural sheathing panel, the sheets shall be attached to the framing with 1¹/₄" galvanized roofing nails, 16 gauge 7¹/₁₆" crown x 1¹/₄" leg staples or 1" crown x 1¹/₄" leg staples spaced 6" o.c. on all panel edges and 12" o.c. on intermediate supports.
3. When installed on studs greater than 16" o.c., an approved corner brace is required. The fastening schedule for sheathing panels is to be followed in attaching the sheets to the framing.
4. All joints shall occur over studs, plates or solid blocking. Joints may be lapped or butted. When joints are lapped, one row of fasteners can be applied through both sheets and must penetrate a full 1" into the framing member. Butt joints shall be gapped 1¹/₁₆" minimum.
5. Cut or trim with saw, knife or router.
6. StormBoard shall not be used as a nail base.

Fastening Procedure: It is important to work from one side of the panel to the other. Begin fastening from the top of the panel to the bottom. Moving across the panel, attach fasteners at the top and bottom of the panel until you reach the next stud. When using staples, fasten them in a parallel direction to the stud. Continue in the same manner until the StormBoard panel is properly secured to the frame. In order to prevent gaps or rippling, move across from one side of the panel to the other when installing. **DO NOT** fasten each of the four corners first.

Window Treatment

If windows and doors are made to accommodate traditional 1¹/₂" sheathing materials, use 3³/₈" plywood shims around the openings for a tight, neat installation, or order windows with adjustable nailing fins from your sup-

plier, for easy adaptability to 1¹/₈" StormBoard sheathing. StormBoard must be installed with appropriate flashing and counter flashing in conformance with accepted building standards and in compliance with local building codes.

MAINTENANCE

When applied in accordance with manufacturer's recommendations, StormBoard will not require maintenance.

TECHNICAL SERVICES

Support is provided by full-time technically-trained field representatives and technical service personnel. In addition, Berry Plastics is backed by a research, development and service staff.

For further information, literature or technical support, contact Berry Plastics Tapes and Coatings Division at 800.345.8881.

Information contained herein conforms to the standard detail recommendations and specifications for the installation of StormBoard and is presented in good faith. Berry Plastics assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents. Berry Plastics must approve any deviations from published literature, in writing, prior to application. Contact Berry Plastics Tapes and Coatings Division for most current product information.

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