



R-4 INSULSHEATHING

GENERAL

The R-4 insulsheathing is manufactured in 28.58 mm (1 1/8") thickness, in panel of 1.22 m (4') and 2.74 m (9'). Panels are applied with the long edge vertical to reduce the number of horizontal joints and produce a more rigid wall system.

FIELD STORAGE AND HANDLING

For increased protection it is recommended to keep sheathing off the ground and to cover it when storing outside. Panels with broken edges or punctures should not be installed. Use them in areas where they can be cut to eliminate the puncture or broken edge.

FRAMING

The R-4 insulsheathing can be applied to studs erected on 30.5, 40.6 and 61 cm (12", 16", or 24") centers. Commence sheathing application at a corner.

FLASHING

Flashing over head casings, under, over and around windows and doors and at the wall/foundation point must conform to National and local building codes as to type, size, coverage and method of installation.

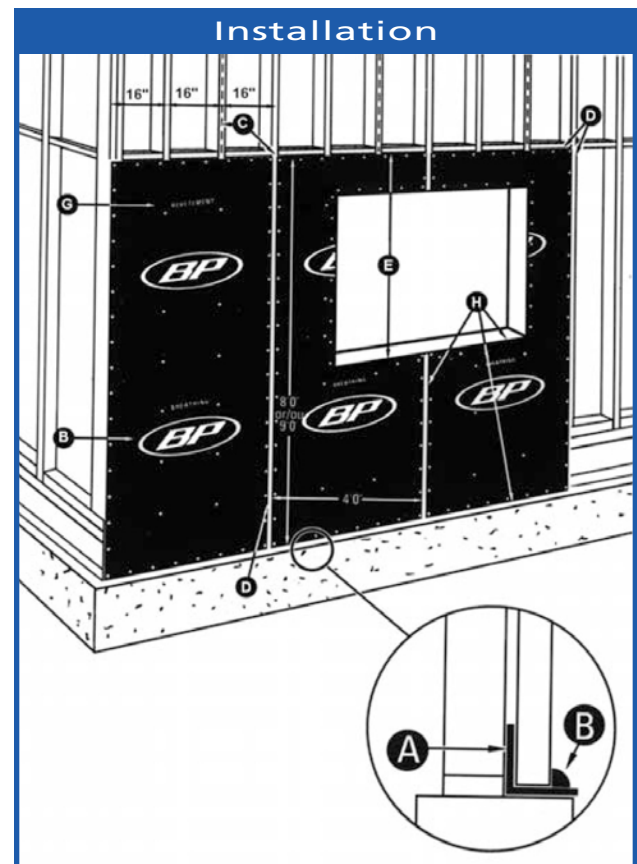
APPLICATION

- 1] Embed flashing on the top of the foundation in waterproof caulking cement (A). Turn up wall and tack to studs ;
- 2] Install foam side on stud face ;
- 3] Apply panels starting at corner and resting on flashing. Waterproof joint between panels and flashing with caulking cement (B). Fasten as recommended below ;

4] If more than one course of sheathing is installed, offset the second course so that the panel joints are not in a continuous, vertical line (C) ;

5] Never force panels tightly together. Center panel joints on the studs, leaving approx. 3 mm (1/8") space between panels for expansion (D). Provide 5.1 cm x 10.2 cm (2" x 4") headers between studs to permit nailing of horizontal joints (E) ;

6] Install acceptable flashing to the top, sides and bottom of window and door openings. Cut panels to fit tightly at window and door openings without forcing into place, to avoid buckling of panels. Apply a head of waterproof caulking to the joint between the panels and flashing.



APPLICATION INSTRUCTIONS

WOOD FIBRE PRODUCTS



FASTENING

Use a minimum 60.33 mm (2 ³/₈") galvanized roofing nail with an 11 gage shank. As an alternative, plastic cap nails can be used. Do not drive nail head through the panel surface. Begin near panel center on the center studs and progress outwards towards the edges, spacing fasteners 300 mm (12") apart (G). Fasten panel edges and along framing members at window and door openings every 150 mm (6") (H). Fasteners should not be less than 9.5 mm (³/₈") from panel edges. Staples used shall not be less than 69.85 mm (2 ³/₄") long, 1.6 mm (¹/₁₆") in diameter and with at least a 9.5 mm (³/₈") crown. Staple crown must be driven parallel to the framing.

FINISHING

NOTE : Wood fibre sheathing is not a nailing base. Vertical or horizontal furring strips can be applied to act as a nailing base, otherwise nails being used to attach the finishing must penetrate into the framing members at least 25 mm (1"). If furring is applied, the resulting air space between sheathing and finishing may require the installation of proper fire stops, in accordance with Article 9.10.15.2 of the 2005 National Building Code. All exterior finishes should be installed to manufacturers' specifications.

Building Products of Canada Corp.

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