OWENS CORNING®

INNOVATIONS FOR LIVING®

FANFOLD
Foam Residing Board

Product Data Sheet

Typical Physical Properties

Property	Test Method	¼" Product	⅜" Product
R-Value[1] (ft²•hr•F/Btu)	ASTM C 518 (Modified)	1.0	1.5
Water Absorption, % by vol., max	ASTM C 272	2.0	2.0
Water Vapor Permeance, perms, min	ASTM E 96 (Procedure A)	1.0	1.0
Compressive Strength, psi, min	ASTM D 1621 (Modified)	10	10
Flame Spread	ASTM E 84/UL 723	10	10
Smoke Development	ASTM E 84/UL 723	165	200-350
Maximum Service Temperature, °F		165	165

Product Availability

	Thickness	Width[2]	Edges
Fanfold Underlayment Board	¼"	4' x 50'	Square
	⅜"	4' x 50'	Square

[1] Samples aged for 180 days at laboratory conditions of 73 +/-2°F and 50% RH. Test conducted at 75°F mean temperature.
[2] Per UL–723 or ASTM E-84.
[3] Hinged every 24 inches.

Description

FANFOLD foam residing board combines proven XPS foam technology with a unique design to enhance the application of new or replacement siding.

Uses

FANFOLD foam residing board is a thin perforated, extruded polystyrene foam board faced on one side with a plastic film facer. **FANFOLD** has a crush folded hinge at 24-inch intervals to ease handling and application at the job site. **FANFOLD** foam residing board provides air infiltration resistance and liquid water protection for use in residential and commercial exterior wall construction. **FANFOLD** foam residing board is also perforated to permit water vapor to pass through the board to prevent the trapping of moisture within the structure. **FANFOLD** foam residing board is generally intended for application as a backer board for residing applications where it provides a flat uniform surface for the application of new siding products during remodeling.

Product Attributes

- Closed –cell, rigid, lightweight foam board.
- Smooth, even backing surface for fast and easy installation of new siding.
- Large piece coverage and minimal joints installation reduces drafts, increased thermal comfort and energy efficiency.
- Perforated construction provides liquid water resistance while permitting easy water vapor transmission through the assembly.
- Polystyrene core and plastic film skin provides a tough, durable product that survives the construction environment.
- Meets Class 1 flamespread and smoke generation requirements.

Technical Data

- Material – Extruded polystyrene core with a tough polystyrene film skin on one side.
- Sizes – Available in 4' x 50' (200 ft²) bundle (folded sheets), ¼" or ⅜" thicknesses, folded every 2'.
- Weight – Approximately 11 lbs./bundle for the ¼" thickness and 15 lbs./bundle for the ⅜" product.

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- Packaging – ¼" product shipped in units of 45 bundles per pallet, ⅜" product shipped in units of 30 bundles per pallet.
- Underwriters Laboratories Inc classified. See Classification Certificate U-350.

Installation Instructions

Easy to Handle and Install
FANFOLD foam residing board is a lightweight foam insulation board that unfolds quickly to cover a 4 by 50 foot (200 square foot) area. The lightweight bundles can be cut to fit with a common utility knife, thus saving labor costs. The faced side of the product shall be exposed to exterior weathering. **FANFOLD** foam residing boards should avoid prolonged exposure to sunlight. The new siding material should be installed as soon as possible after **FANFOLD** foam residing board installation.

Caution: Like many construction materials, **FANFOLD** foam residing board is combustible. Do not expose the product to open flame during shipping, storage, installation or use. This product should be installed in accordance with applicable building codes.

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