



FANFOLD

Foam Residing Board



Physical Properties

Property	Test Method	1/4" FANFOLD	3/8" FANFOLD	1/2" FANFOLD
R-Value ¹ (ft ² •hr•F/Btu)	ASTM C 518 (Modified)	1.0	1.5	2.5
Water Absorption, % by vol., max	ASTM C 272	2.0	2.0	2.0
Water Vapor Permeance, perms, min	ASTM E 96 (Procedure A)	1.0	1.0	1.0
Compressive Strength, psi, min	ASTM D 1621 (Modified)	8	8	31.5
Flame Spread	ASTM E 84/ UL 723	10	10	10
Smoke Development	ASTM E 84/ UL 723	165	200-350	450-500
Maximum Service Temperature, °F		165	165	165

Product Availability

	Thickness	Size	Weight (lbs)	Edges	Pallet Bundle
Fanfold Underlayment Board	1/4"	4' x 50'	11	Square	48 Units
	3/8"	4' x 50'	15	Square	33 Units
	1/2"	4' x 24'	20	Square	48 Units

Applications

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 for use in residential and commercial exterior wall construction.

Installation Instructions

- FANFOLD foam residing board 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
- The new siding material should be installed as soon as possible after FANFOLD foam residing board installation
- FANFOLD foam residing boards should avoid prolonged exposure to sunlight

Warnings and Precautions

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.

Description

FANFOLD foam residing board is a thin perforated, extruded polystyrene foam board faced on one side with a plastic film facer and combines proven XPS foam technology with a unique design to enhance the application of new or replacement siding.

Features

- Closed -cell, rigid, lightweight foam board
- Smooth, even backing surface for fast and easy installation
- Large piece coverage and minimal joints installation reduces drafts, increased thermal comfort and energy efficiency
- Perforated construction provides air infiltration and liquid water resistance while permitting easy water vapor transmission
- Polystyrene core and plastic film skin provides a tough, durable product
- Crush folded hinge at 24-inch intervals to ease handling and application at the job site

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services.

Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at www.owenscorning.com.

Notes

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>

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