



## Product Data Sheet

### Description

Fanfold DWB Dampproofing/Waterproofing Board consists of an extruded polystyrene foam core with a tough, non-perforated, impact resistant plastic facer.

### Uses

Fanfold DWB is used to protect and cushion the basement wall waterproofing membrane during backfilling. The product can be used in both residential and commercial below grade applications.

### Product Attributes

#### Excellent Protection

Fanfold DWB has a tough plastic facer that provides impact and puncture resistance to protect the waterproofing membrane during backfilling.

Fanfold DWB can be applied directly over any compatible dampproofing or waterproofing membrane. The membrane should be allowed to dry to the touch before application. If necessary, Fanfold DWB can be secured using a compatible adhesive.<sup>3</sup> Compatibility of the membrane and adhesive with polystyrene should be verified prior to use.

#### Moisture Resistance

Fanfold DWB is non-perforated and closed cell which provides excellent resistance to moisture absorption.

#### Disclaimer of Liability

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### Product Availability

Fanfold DWB Dampproofing/Waterproofing Board is available in 4' x 50' fanfold bundles, folded in 2' increments. The product is 1/4" thick.

#### Packaging Dimensions

|                          |        |
|--------------------------|--------|
| Thickness (inches)       | 0.25   |
| Bundle Dimensions (feet) | 4 x 50 |
| Square Feet/Bundle       | 200    |
| Bundles/Pallet           | 45     |
| Square Feet/Pallet       | 9,000  |

### Typical Physical Properties

FanFold DWB Foam Residing Board<sup>1,2</sup>

| Property  | Test Method             | Value |
|---|-------------------------|-------|
| R-Value <sup>1</sup> , (ft <sup>2</sup> •hr•°F/Btu) | ASTM C 518 (Modified)   | 1.0   |
| Water Absorption, % by vol., max                    | ASTM C 272              | 0.2   |
| Water Vapor Permeance, perms, max                   | ASTM E 96 (Procedure A) | 1.0   |
| Compressive Strength, psi, min                      | ASTM D 1621 (Modified)  | 10    |
| Flame Spread  | ASTM E 84/UL 723        | 10    |
| Smoke Development                                   | ASTM E 84/UL 723        | 165   |
| Maximum Service Temperature <sup>3</sup> , °F       |                         | 165   |

<sup>1</sup> Samples aged for 180 days at laboratory conditions of 73 +/-2°F and 50% RH. Test conducted at 75°F mean temperature.

<sup>2</sup> Hinged every 24 inches

<sup>3</sup> The surface temperature of Fanfold DWB shall not exceed 165°F during installation or use. Fanfold DWB may not be compatible with certain PVC membranes. Check with the PVC membrane manufacturer for acceptability.

Compliance with Standards: Underwriters Laboratories Inc. Classified. See Classification Certificate U-350.

### Easy to Handle

Fanfold DWB is a lightweight foam board that unfolds quickly to cover a 200 square foot area.

The lightweight bundles can be cut with a common utility knife, saving labor costs.

### Notes

I. Compatibility of the membrane and adhesive with polystyrene should be verified prior to use.

**Warning:** Foam plastic will ignite if exposed to fire of sufficient heat and intensity. Protect foam from exposure to open flame or other ignition sources during shipment, storage, and installation.



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