



INNOVATIONS FOR LIVING™

# Fanfold DWB Dampproofing Waterproofing Board

## Product Data Sheet

### Description

Fanfold DWB Dampproofing Waterproofing Board is an extruded polystyrene foam layer sandwiched between two tough, non-perforated, impact resistant plastic facers.

### Uses

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

### Product Attributes

#### Excellent Protection

Fanfold DWB has tough plastic facers that provide impact and puncture resistance to the waterproofing membrane during backfilling.

Fanfold DWB can be applied directly to the tacky-compatible waterproofing membrane or after the membrane has dried using a polystyrene-compatible adhesive.<sup>4</sup>

#### Moisture Resistance

Fanfold DWB is not perforated and its closed cell composition resists moisture absorption. The same construction also resists chemical attacks from soil chemicals long after installation.

#### Easy to Handle

Fanfold DWB is a lightweight foam insulation 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.

### 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

Property	Test Method	Value
Thermal Conductivity (Btu x in/hr x ft <sup>2</sup> x °F)	ASTM C 518 <sup>1</sup>	0.25
Thermal Resistance (°F x ft <sup>2</sup> x h/Btu) @ 75°F mean temperature	ASTM C 518 <sup>1</sup>	1
Compressive Strength, minimum (psi @ 10%)	ASTM D 1621	12
Water Absorption (% by volume)	ASTM C 272	0.5
Water Vapor Permeance (perm-dry cup)	ASTM E 96	0.6
Flame Characteristic Index <sup>2</sup> (Fire/Smoke)	ASTM E 84/UL 723	25/250
Maximum Use Temperature <sup>3,4</sup> (°F)		165
Average Area Weight (lbs./1,000 ft <sup>2</sup> )		80

<sup>1</sup>Specimens are aged and tested in accordance with the FTC "R-Value Rule" (16 CFR, Part 460).

<sup>2</sup>These numerical flame spread and smoke ratings are not intended to reflect hazards presented by this material under actual fire conditions.

<sup>3</sup>Storage and Handling: When stored outdoors, all material should be protected from exposure to direct sunlight using an opaque light-colored tarp or the original packaging. Material that has been unwrapped should be carefully rewrapped.

<sup>4</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 Classification Certificate U-310

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



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