Fanfold DWB
Damproofing/Waterproofing Board



Description

Fanfold Damproofing/Waterproofing Board (DWB) is a thin extruded polystyrene fanfold board with a non-perforated plastic film facer.

Features

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 damproofing 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. 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

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
- Hinged every 24 inches to provide ease of installation at the job site

Applications

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 Availability

Fanfold DWB Damproofing/Waterproofing Board is available in 4' x 50' fanfold bundles, folded in 2' increments. The product is ¼" thick.

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

Physical Properties

FanFold DWB Foam Residing Board

Property	Test Method[1]	Value
R-Value[2], (ft^2•hr•°F/Btu)	ASTM C 518 (Modified)	1.0
Water Absorption[3], % by vol., max	ASTM C 272	0.2
Water Vapor Permeance[4], perms, max	ASTM E 96 (Procedure A)	1.0
Compressive Strength[5], psi, min	ASTM D 1621 (Modified)	10
Flame Spread[6,7]	ASTM E 84/UL 723	10
Smoke Development[6,7,8]	ASTM E 84/UL 723	165
Maximum Service Temperature[9], °F		165

1. Modified as required to meet ASTM C578.
2. R means the resistance to heat flow; the higher the value, the greater the insulation power. This insulation must be installed properly to get the marked R-value. Follow the manufacturer's instructions carefully. If a manufacturer's fact sheet is not provided with the material shipment, request this and review it carefully. R-values vary depending on many factors including the mean temperature at which the test is conducted, and the age of the sample at the time of testing. Because rigid foam plastic insulation products are not all aged in accordance with the same standards, it is useful to publish comparison R-value data. The R-value for FOAMULAR® XPS Insulation is provided from testing at two mean temperatures, 40°F and 75°F, and from two aging (conditioning) techniques, 180 day real-time aged (as mandated by ASTM C578) and a method of accelerated aging sometimes called "Long Term Thermal Resistance" (LTTR) per CAN/ULC S770-03. The R-value at 180 day real-time age and 75°F mean temperature is commonly used to compare products and is the value printed on the product.
3. Data ranges from 0.00 to value shown due to the level of precision of the test method.
4. Water vapor permeance decreases as thickness increases.
5. Values at yield or 10% deflection, whichever occurs first.
6. These laboratory tests are not intended to describe the hazards presented by this material under actual fire conditions.
7. Data from Underwriters Laboratories Inc.® classified. See Classification Certificate U-197.
8. ASTM E84 is thickness-dependent, therefore a range of values is given.
9. 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.

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.

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.

Certifications and Sustainable Features

- GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg
- Environmental Product Declaration (EPD) has been certified by UL Environment
- Utilizing FOAMULAR® XPS insulation can help builders achieve green building certifications including the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) certification







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