



WEATHERMATE™ Plus Housewrap

1. PRODUCT NAME

WEATHERMATE™ Plus Housewrap

2. MANUFACTURER

The Dow Chemical Company
 Dow Building Solutions
 200 Larkin Midland, MI 48674
 1-866-583-BLUE (2583)
 Fax 1-989-832-1465

3. PRODUCT DESCRIPTION

WEATHERMATE™ Plus Housewrap is a non-woven, non-perforated polyolefin based wrap. Designed for enhanced job-site durability and long-term product performance, WEATHERMATE™ Plus Housewrap is for builders who want superior protection against the elements. WEATHERMATE™ Plus Housewrap forms a continuous protective membrane that protects walls from damaging bulk water and air infiltration, safeguarding against costly energy loss. It reduces drafts, increasing home comfort. The superior water resistance reduces the potential for water infiltration that may lead to mold and water damage of underlying water-sensitive wood sheathing. The engineered water vapor permeability enables water vapor behind the housewrap to escape to the exterior, thereby helping the wall dry from the inside out.

4. TECHNICAL INFORMATION

CODE COMPLIANCE

WEATHERMATE™ Plus Housewrap meets IBC and IRC building code requirements for weather-resistive barriers (AC-38). See ICC-ES report ESR-3401

Contact your Dow sales representative or local authorities for state/provincial and local building code requirements and related acceptances.

5. PHYSICAL PROPERTIES

WEATHERMATE™ Plus Housewrap exhibits the properties and characteristics indicated in Tables 2 when tested as represented.

6. INSTALLATION

WEATHERMATE™ Plus Housewrap is translucent, giving builders a convenient clear view of studs and the sheathing surface. Compared to other leading non-woven, nonperforated wraps, WEATHERMATE™ Plus Housewrap offers superior tear resistance and outstanding durability. It should not be exposed to sunlight for more than 120 days.

7. AVAILABILITY

WEATHERMATE™ Plus Housewrap is manufactured in several locations across North America and is distributed through an extensive network. For more information, call:
 1-800-232-2436 (English)
 1-800-565-1255 (French)

8. WARRANTY

Not applicable.

9. MAINTENANCE

Not applicable.

10. TECHNICAL SERVICES

Dow can provide technical information to help address questions when using WEATHERMATE™ Plus Housewrap. Technical personnel are available to assist with any insulation project. For technical assistance, call:
 1-866-583-BLUE (2583) (English)
 1-800-363-6210 (French)

11. FILING SYSTEMS

www.dowbuildingsolutions.com

TABLE 1: Sizes of WEATHERMATE™ Plus Housewrap

3' x 100'
4' 6" x 150'
9.5' x 100'
9' x 150'
9' x 195'
10' x 150'

TABLE 2: Table 2: Physical properties of WEATHERMATE™ Plus Housewrap

	Units	Value	Requirement	Test Method
Air Resistance	sec/100cc	1800 min.	—	TAPPI T 460 (Gurley Method)
Air Permeance	L/s-m ²	0.02 max.	0.02 max.	ASTM E2178
Water Vapor Permeance	perms	5 minimum	>5	ASTM E96 Method A
Water Resistance (at 55 cm water pressure)	hrs.	>5	5 hrs with no leakage	AATCC 127 Hydrostatic Pressure Test
Tear Strength				ASTM D5587
Machine Direction	lbs.	13 min.	—	
Cross Direction	lbs.	13 min.	—	
Grab Breaking Force				
Machine Direction	lbs./in.	40 min.	40 min.	ASTM D5034
Cross Direction	lbs./in.	35 min.	35 min.	ASTM D5034
Flame Spread	—	<25 ⁽¹⁾	25	ASTM E84
Smoke Developed	—	<450 ⁽¹⁾	450	ASTM E84

⁽¹⁾ Class A performance



STYROFOAM™ WEATHERMATE PLUS™ Housewrap

Installed by:

**FACTORY
DIRECT
DEALER**

**New
HORIZONS**
Home Exteriors & Window Company

(412) 885-1900

Visit Our Showroom (by Appt.): 3606 Library Road (Rt. 88) Pgh., PA 15234



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Dow Polyurethane Foam Insulation and Sealants

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS) call Dow at 1186615831BLUE (2583) or contact your local building inspector. In an emergency, call 11989163614400 in the U.S. or 11519133913711 in Canada. When air sealing buildings, ensure that combustion appliances, such as furnaces, water heaters, wood burning stoves, gas stoves and gas dryers are properly vented to the outside.

STYROFOAM™ Brand Spray Polyurethane Foam contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read all the instructions and (M)SDS carefully before use. Wear protective clothing (including long sleeves), gloves, goggles and proper respiratory protection. Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a P100 particulate filter is required to maintain exposure levels below ACGIH, OSHA, VEEL or other applicable limits. Provide adequate ventilation. Contents under pressure. STYROFOAM™ Brand SPF should be installed by a trained SPF applicator.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.