

DuPont™ Weathermate™ Plus Housewrap

Non-Woven, Non-Perforated Housewrap for Maximum Weather Defense

FEATURES/BENEFITS

Description

DuPont™ Weathermate™ Plus Housewrap* is a non-woven, non-perforated polyolefin-based wrap designed for enhanced job-site durability and long-term product performance for builders who want superior protection against the elements.

Weathermate™ Plus Housewrap is specially engineered to maximize a home's weather defense between the cladding and wall assembly, helping to ensure years of comfort for homeowners.

Weathermate™ Plus Housewrap forms a continuous protective membrane that defends walls from damaging bulk water and air infiltration, safeguarding against costly energy loss. It reduces drafts – increasing home comfort – and features superior water resistance to reduce the potential for water infiltration that may lead to mold and water damage of underlying water-sensitive wood sheathing. The engineered water vapor permeability of Weathermate™ Plus Housewrap enables water vapor behind the housewrap to escape to the exterior, thereby helping the wall dry from the inside out.

Ease of Installation

Weathermate™ Plus Housewrap is:

- Translucent, giving builders a convenient, clear view of studs and the sheathing surface during installation
- Durable, with a polymer will not rust or rot, offering superior tear resistance compared to other leading non-woven, non-perforated wraps
- Breathable, with a water vapor transmission rating of 5 perm minimum
- Able to cling to the house with its unique surface during installation
- Simple and quiet to install, helping make a quieter home while under construction
- Resistant to UV degradation, able to remain uncovered for as long as 120 days
- Compatible with standard adhesives and sealants

Available Sizes

Weathermate™ Plus Housewrap is available in a range of roll sizes:

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

PROPERTIES

Weathermate™ Plus Housewrap exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-866-583-2583 when additional guidance is required for writing specifications that include this product.

TABLE 1: Physical Properties of Weathermate™ Plus Housewrap

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

¹ Class A performance

HANDLING

WARNING: For Professional Use Only. Read and follow the entire Handling section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of Weathermate™ Brand products.

Precautionary Statements

- DuPont™ Weathermate™ Plus Housewrap should not be exposed to sunlight for more than 120 days.
- Because of the critical technical design aspects of many of its applications, DuPont recommends that qualified designers or consultants design the wall system. Contact a local DuPont representative for more specific instructions.
- Follow all applicable federal, state, local and employer regulations.

Storage and Disposal

Weathermate™ Plus Housewrap should be stored in a clean, dry environment. Dispose of any residual Weathermate™ Brand product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.

Warranty

Weathermate™ Plus Housewrap is backed by a 10-year limited warranty, available as described at building.dupont.com/warranties.

Supplemental Information

Weathermate™ Plus Housewrap meets IBC and IRC building code requirements for weather-resistive barriers (AC-38). See ICC-ES report ESR-3401. Contact your DuPont sales representative or local authorities for state/provincial and local building code requirements and related acceptances.



**For more information visit us at
building.dupont.com
or call 1-800-448-9835**

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

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