

# DuPont™ Weathermate™ Housewrap

Tough-Woven, Micro-Perforated, Non-Insulating Housewrap

## FEATURES/BENEFITS

### Description

DuPont™ Weathermate™ Housewrap is a tough-woven, micro-perforated polyolefin-based wrap, designed specifically for builders who prefer to use a non-insulating sheathing without sacrificing the superior performance and integrity needed in housewrap applications. Weathermate™ 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.

When installed over sheathing in residential wall construction, Weathermate™ Housewrap reduces costly air and moisture infiltration. It covers cracks and gaps between sheets of wood panel sheathing and features microsize pores that allow vapor to escape from behind the housewrap. The woven polyolefin strand base with microporous coatings on both sides of the fabric resist tears, punctures and exposure to sunlight.

### Ease of Installation

Weathermate™ Housewrap is:

- Translucent, giving builders a convenient, clear view of studs and the sheathing surface during installation
- Breathable, with a water vapor transmission rating of 5 perm minimum
- Durable – polymer will not rust or rot
- Able to cling to the house with its unique surface during installation
- Resistant to UV degradation, able to remain uncovered for as long as 60 days
- Simple and quiet to install, helping make a quieter home while under construction
- Compatible with standard adhesives and sealants

### Available Sizes

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

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

## PROPERTIES

Weathermate™ 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™ Housewrap**

Test Method	Property	Value	Requirement	Units
<u>Tear Strength</u>				
ASTM D1117	Machine Direction	>25	–	lbs.
ASTM D1117	Cross Direction	>20	–	lbs.
Beach	Puncture	>90	–	in-lb
ASTM E96A	Water Vapor Permeance	>5	>5	perm
ASTM E96A	Water Vapor Transmission	>35	>35	g/m <sup>2</sup> /24 hrs.
ASTM E283	Air Leakage Resistance	0.01 w/ sheathing	<0.06	cfm/ft <sup>2</sup>
TAPPI T460	Air Porosity	14.4	–	seconds/100cc
ASTM E84	Surface Burning	<25 <sup>2</sup>	–	Flame spread index
ASTM E84	Characteristics	<450	–	Smoke developed index
<u>Water Ponding</u>				
CCMC Tech Guide 07102 section 6.4.5	Initial	Passed	No water passes through membrane	N/A
CCMC Tech Guide 07102 section 6.4.5	After Heat and UV	Passed	No water passes through membrane	N/A
<u>Tensile Strength</u>				
ASTM D882	Machine Direction	>35	>20	lbs./in.
ASTM D882	Cross Direction	>30	>20	lbs./in.

<sup>1</sup> All tests conducted by independent laboratories

<sup>2</sup> Class A performance

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## 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™ Housewrap should not be exposed to sunlight for more than 60 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™ 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™ Housewrap comes with a 10-year limited warranty, available as described at [building.dupont.com/warranties](http://building.dupont.com/warranties).

### Supplemental Information

Weathermate™ Housewrap meets IBC and IRC building code requirements for weather-resistive barriers (AC-38). See ICC-ES report NER-593.



**For more information visit us at  
[building.dupont.com](http://building.dupont.com)  
or call 1-800-448-9835**

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