

# SPECIFICATION INFORMATION



House Wrap  
Division: 7

## Revision #1

### 1.0 Product Name

Wraptor Plus™ is breathable and extremely tear resistant .

Wraptor Plus™

### Reflective House Wrap.

### 3.2 Composition & Materials:

Wraptor Plus™ is a microperforated, cross-woven polyethylene membrane with an aluminized reflective layer.

### 2.0 Manufacturer



**Insulation Solutions®**

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### 3.3 Size:

Wraptor Plus™ is available in several roll sizes : 2' x 250' , 4'x250' , 9' x 150' , 10' x 100'.

### 3.4 Weight:

Wraptor Plus™ weighs approximately 26 lbs. per 1000 sq. ft.

### 3.0 Product Description

#### 3.1 Basic Use:

Wraptor Plus™ is a premium cross-woven house wrap designed to protect exterior wall systems from bulk moisture infiltration. Wraptor Plus™ also helps increase energy efficiency by reducing the amount of radiant heat and pressure driven air that passes through the building envelope.

### 4.0 Technical Data

#### 4.1 Applicable Standards

- **TAPPI T-460** Air Resistance of Paper
- **TAPPI T-410** Basis Weight
- **ASTM E 1677** Standard Specification for and Air Retarder (AR) Material or System for Low-Rise Framed Building Walls

- **ASTM E 96** Standard Test Method for Water Vapor Transmission of Materials
- **ASTM D 882** Standard Test Method for Tensile Properties of Thin Plastic Sheeting
- **ASTM D 1117** Standard Guide for Evaluating Nonwoven Fabrics
- **ASTM D 751** Standard Test Methods for Coated Fabrics
- **ASTM E 84** Standard Test Method for Surface Burning Characteristics of Building Materials
- **ASTM C 1371** Standard Test for Determination of Emittance of Materials Near Room Temperature Using Portable Emittance Meters
- **AATCC 127** Water Penetration Resistance

*Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. Insulation Solutions Inc.® makes no warranties as to the fitness for a specific use or merchantability of products referred to, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.*

PROPERTIES	TEST METHOD	WRAPTOR PLUS™
Thickness, Nominal		.0004 in. (nominal)
Weight Per MSF		26 lbs.
Air Permeability	TAPPI T-460	191.6 cfm/ft²
Water Penetration Resistance	AATCC 127	>116.8 cm of H <sub>2</sub> O
Water Vapor Transmission	ASTM E 96	7 perms
Tear Resistance	ASTM D 1117	67.1 lbs. (MD) 91.2 lbf./in. (CD)
Breaking Strength	ASTM D 882	27.2 lbf./in. (MD) 69.8 lbf./in. (CD)
Bursting Strength	ASTM D 751	96 PSI
Emissivity	ASTM C 1371	.06 - .07
Maximum Use Temperature		220° F
Minimum Use Temperature		-40° F
Surface Burning Characteristics	ASTM E 84-03	15 FSI (Class A) 40 SDI (Class A)