



“BUILDING BETTER PROTECTION FOR LIFE”
“QUALITY WOVEN POLYPROPYLENE FABRICS SINCE 1994”

Tech Wrap Residential and Commercial Building Wrap

Description

Tech Wrap Home and Commercial Building Wrap consists of a cross woven polypropylene resin coated on two (2) sides with a p/p and p/e coating to ensure reduced air leakage and provides the highest real world moisture resistance available while protecting wall system components from exposure to harmful U.V. light.

Tech Wrap Home and Commercial Building Wrap is an excellent secondary air and water barrier that helps protect against all forms of moisture and water, while allowing excellent breathability ensuring any trapped moisture or vapors will escape to prevent damage to any wall structure.

Tech Wrap Home and Commercial Building Wrap with its cross woven two side coated fabric is virtually tear proof even after being attached to the wall system, the translucent design of our fabric allows for simple and quick installation and can be left exposed for up to a year (12 months)

Compliance

ESR-3292-ASTM D226, Type 1 (Building/Roofing Paper)-ASTM E 1677 Type 1- ASTM E 2556 Type II – HUD/FHA UU-B-790A =Grade D / Type 15 Building Paper

Warranty Information

“Limited Lifetime Warranty” to obtain a copy visit www.Robetexinc.com

Storage/Handling

Please note that when exposing our product to the sun with out door storage degradation may occur; please take all necessary precautions to cover the product with a UV blocking cover/tarp/product. Tech Wrap commercial and Residential wraps are combustible protect from open flame or other ignition sources during storage, shipping and installation. Tech Wrap Home and Commercial Building Wrap is made of synthetic materials that are not noted as providing a source of fungus, mold, and/or mildew growth. Tech Wrap should always be properly installed and stored.

1-Commercial Grade Home and Building Wrap Product Data Comparison

- * Exceptional water resistance/repel with added strength and weight***
- * Commercial grade presents the maximum protection against water and air infiltration for maximum severe weather protection***
- * Maximum durability and performance for tuff job site conditions***
- * Qualified Air Barrier Material –ABA of America***
- * Code compliant Air/Water Resistive Barrier material***



Product Data

Nominal Thickness ASTM D 1777 value 0.008-8 mils thickness
Available sizes 4 ½ foot, 9 foot, and 10 foot widths other sizes available upon request
Weight based on lbs./1000 ft² ASTM D 3776 value 16.50
Tensile Strength based on lbs./in. ASTM D 882 value 57 MD/45 WD or CD
Trapezoid Tearing Strength based on lbs./inch ASTM D 4533 value 41 MD/55 WD or CD
Burst Strength based on psi ASTM D 751 value 166
Water Resistance based on minutes ASTM D 779 value 60 minutes
Water Vapor Perm based on perm ASTM E 96 value 15.7 based on desiccant method
Water Vapor Transmission Rate based on g/m²/24hr ASTM E 96 value 105
Air Resistance/Wall Assembly ASTM E 2357 value <0.01
Air Leakage Rate or Air Resistance ASTM E 283 value 0.03
Structural Integrity ASTM E 330 procedure A value PASSES
Water Resistance ASTM E 331 PASSES
Flame Spread and Smoke developed ASTM E 84 0/30 based on Class A
Fire Rating ASTM E 94 Class A
Flame spread ASTM e 84 0 (Class A)

2-Residential Grade Home and Building Wrap Product Data Comparison

- * Protection against Air and Moisture Infiltration***
- * Designed to be tuff, durable, flexible and economical without tearing***

Product Data

Nominal Thickness ASTM D 1777 value 0.007 in
Weight based on lbs./1000 ft² ASTM D 3776 value 13.50
Tensile Strength based on lbs./in. ASTM D 882 value 47 MD/39 WD or CD
Trapezoid Tear Strength based on lbs./in. ASTM D 1117 value 34 WD/ 45 WD or CD
Burst Strength based on psi ASTM D 751 value 117
Water Resistance based on minutes ASTM D 779 value 38
Water Vapor Perm based on perm ASTM E 96 value based on procedure A 15
Water Vapor Transmission Rate based on g/m²/24hrs. ASTM E 96 value 105
Fire Rating ASTM E 84 flame spread 0 and Smoke development 23
Air Leakage Rate or Air Resistance ASTM E 283 value 0.03
Structural Integrity ASTM E 330 value PASS based on procedure A
Water Resistance ASTM E 331 value PASS
Fire Rating ASTM E 94 Class A



3-Tech Wrap Moisture Drain commercial and Residential building Wrap Product Data

- * Advanced Moisture Control and Exceptional Water Resistance***
- * Engineered with Enhanced Channels expediting the drainage of moisture from the walls***
- * Channels will not loose their shape they are designed to resist collapsing, flattening and softening over time***
- * Qualified Air Barrier Material***
- * Code Compliant Air Barrier Fabric and Water Resistant Barrier***
- * Code Qualified for Drainage efficiency***
- * Non-Perforated***

Product Data

Nominal Thickness ASTM D 1777 - .015 inches/15 mils
Weight ASTM D 3776 lbs/1,000 ft² -20.0
Tensile Strength lbs/inch MD/CD – ASTM D 882 60/35
Trapezoid Tear Strength lbs/inch MD/CD ASTM D 1117 28/45
Burst Strength (psi) ASTM D 751 165
Water Resistance (mins) ASTM D 779 >60
Water Vapor Permeance (perm) ASTM E 96 Procedure A 10
Water Vapor Transmission Rate (g/m²/24hrs) ASTM E 96 Procedure A 73
Air Leakage Rate/Air Resistance (cfm/ft²@75 Pa/25mph) ASTM E 2283 0.03
Structural Integrity ASTM E 330 Pass
Water Resistance ASTM E 331 Pass
Flame Spread/Smoke Developed ASTM E 84 0/15

4-Tech Wrap Non Woven Residential and Commercial Building Wrap

- * Stronger, More Durable, Better Performance than the Leading Non Woven “Home wrap”***

Product Data

Water Absorption ASTM D 5034 –NO
Water Ponding MD CCMC MF-07193 (Pass)
Water Ponding CD CCMC MF-07193 (Pass)



Boat Test ASTM D 779 > 1440

Water Penetration Resistance ATCC-127 765

Trapezoid tear MD ASTM D 1117 -25

Trapezoid Tear CD ASTM D 1117 -20

Water Vapor Transmission ASTM E Method A (15 perms)

Air Infiltration Barrier CCMC Tech Guide MF 07273 (2)

Type 1 Air Barrier TAPPI T-460 >2000

UV Resistance 6 Months

*Robotex, Inc believes the information and recommendations to be accurate and reliable. However since installation and usage conditions are not in our/Robotex control Robotex, Inc does not guarantee results from use of our products or other information contained within and disclaims all liability from any resulting damages or losses. No warranty expressed or implied is given as to the merchantability or otherwise with respect to the products referred to. All applicable building codes must be followed.

