

PLYDry®

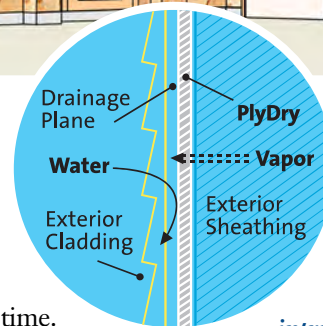
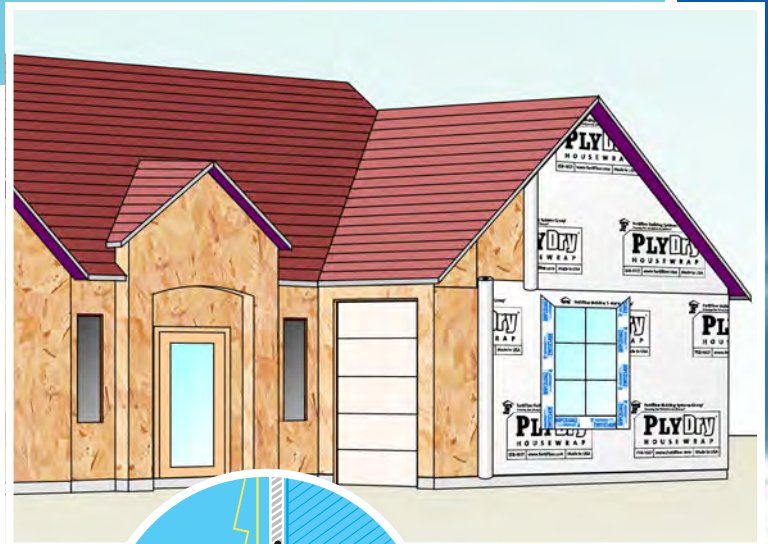
HOUSEWRAP

Part of a Complete Moisture Control System

PlyDry is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group®, which has been chosen by builders and architects to protect over *five million* homes and commercial buildings from the problems caused by water intrusion and excessive moisture.

“*PlyDry is specified by builders who need a perforated housewrap that meets code requirements at a very affordable price...*”

PlyDry is specified by builders who need a durable housewrap that meets code requirements at a very affordable price. The cross-woven polypropylene fabric design gives PlyDry solid tensile strength – combined with a UV-resistant polyolefin coating that gives you up to 120 days of exposure time.



PlyDry protects against water intrusion and air infiltration from the outside, while allowing moisture vapor to escape from the inside.

The product is micro-perforated, to provide the balance between breathability and bulk water holdout that's required for most jobsite conditions. When integrated into the building envelope as part of a complete Moisture Control System, it helps eliminate moisture-related problems – including water-related structural failures, mold and mildew.

Cost Control Built In

Labor is one of the most significant costs in any building, and PlyDry helps reduce install time so you can get the house closed in fast. Because the product is semi-translucent, it's easy to locate studs and get the product installed. It comes in a wide range of roll sizes to give builders the flexibility they need to manage waste.



Decades of Proven Performance

PlyDry is a product manufactured by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.

- **CODE COMPLIANT**
- **SOLID TEAR STRENGTH**
- **SEMI-TRANSLUCENT COLOR AIDS IN LOCATING STUDS**
- **UV RESISTANT**
- **BALANCED BREATHABLE MEMBRANE**

Product Description: PlyDry is a tear resistant housewrap that is appropriate for a variety of exterior wall assemblies. Its semi-transparent white coloring helps locate studs and aids with quick installations.

Composition: PlyDry is a cross woven polypropylene fabric with a UV resistant coating and micro-perforations for breathability.

Size & Weight: PlyDry is available in 9'x100', 9'x150', 9'x195' and 10'x150' rolls. Product weight is approximately 1.2 lbs/100 sq. ft.

Applicable Standards: Complies with the International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the International Building Code®.

Complies as an alternative to the weather-resistant sheathing papers specified in Section R703.2 of the International Residential Building Code®.

ICC-ES Evaluation Report No. 1027.

American Society for Testing & Materials (ASTM):

- *ASTM D-779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method*
- *ASTM D-5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)*
- *ASTM E-96 - Standard Test Method for Water Vapor Transmission of Materials*

Physical Properties: PlyDry is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

Limitations: Product should be covered within 120 days. To ensure maximum exposure time, store unused product in an area not exposed to sunlight. Inspect product to insure it is free of any protrusions or damage which may detract

from the weather-resistive barrier integrity. Holes, tears or punctures should be sealed with Moistop® Sealant or Fortifiber Sheathing Tape. This product is not recommended for horizontal, roofing or below grade applications. Ensure that a layer of Super Jumbo Tex 60 minute is used to separate PlyDry and Portland cement stucco or mortar used in masonry veneer walls.

Installation: PlyDry should be installed in accordance with the local applicable building code. Weather-resistive barriers should be applied horizontally, with the upper layers overlapping the lower layer by a minimum of 6", and all vertical joints should be lapped a minimum of 6". It is recommended to tape all vertical seams with Fortifiber Sheathing Tape; all seams must be taped to achieve an air barrier install; consult your design professional where necessary.

Availability: The Fortifiber Building Systems Group's products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Warranty: Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.

SPECIFICATION SUMMARY: Provides secondary weather protection behind exterior cladding to prevent moisture penetration and condensation in exterior wall assemblies.

WEATHER-RESISTIVE BARRIER: Fortifiber/PlyDry cross woven polypropylene fabric with a UV resistant coating and micro-perforations.

REFERENCE SPECIFICATION: International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD
Water Vapor Transmission	ASTM E-96 (A)	57 g/sm/day 8.1 perms (MVT)	35 g/sm/day (min.) 5 perms (MVT)
Water Resistance	ASTM D-779	>30 minutes	10 minutes
Dry Breaking Force	ASTM D-5034 (Grab Test)	MD - 126 lb. ^f /inch CD - 72 lb. ^f /inch	MD - 40 lb. ^f /inch CD - 35 lb. ^f /inch



Fortifiber Building Systems Group®
Protecting Your World from the Elements®

Call 1-800-773-4777 or 1-775-333-6400 for sales and technical assistance. On the Internet visit www.fortifiber.com.

© 2015 Fortifiber Building Systems Group. Fortifiber®, Jumbo Tex®, Moistop® Sealant, PlyDry® and Protecting Your World from the Elements® are trademarks of Fortifiber Corporation. 3/15

WEATHERSmart®

H O U S E W R A P

Part of a Complete Moisture Control System

WeatherSmart offers architects, specifiers and builders a smart housewrap solution – one that delivers the ideal balance between breathability and water protection, so it can be used in any climate and behind most exterior claddings.

“*The WeatherSmart design provides architects and builders with the ideal level of vapor permeability...*”

eliminate moisture-related problems – including water-related structural failures, mold and mildew.

The WeatherSmart design has its roots in advanced building science research. The product is a nonwoven, non-perforated wrap, employing an advanced breathable polymer technology. Its design provides a highly reliable air infiltration barrier that is incredibly durable and UV stable. So it's right at home in the most rugged jobsite conditions.

Unlike other housewrap products, WeatherSmart is highly resistant to surfactants that can severely reduce water resistance. Surfactants are chemicals that make it easier for water to pass through small holes. Exposure to these chemicals on the jobsite and by homeowners in the form of power washing solutions and detergents is quite common, so you can count on WeatherSmart to continue providing protection long after the exterior cladding is installed.

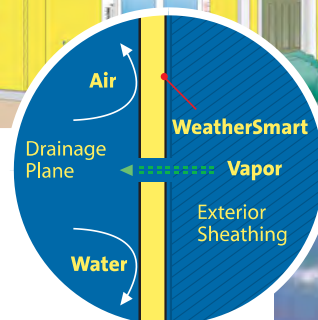
Intelligent Water Vapor Management

Most housewraps require you to choose between an alternative that offers a high perm rating or a low one – each suited for different climates and building envelope designs. With a perm rating of 8, the WeatherSmart design provides architects and builders with the ideal level of vapor permeability – so it's the smart choice behind fiber cement siding, brick, vinyl and wood siding.



Decades of Proven Performance

WeatherSmart Housewrap is a product manufactured by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.



WeatherSmart protects against water intrusion and air infiltration from the outside, while allowing moisture vapor to escape from the inside.

- EXCEEDS WATER RESISTANCE STANDARDS
- MEETS BUILDING SCIENCE RECOMMENDATIONS FOR BREATHABILITY
- OUTSTANDING UV RESISTANCE
- WITHSTANDS THE RIGORS OF THE JOBSITE
- EXCEEDS CODE REQUIREMENTS FOR AIR BARRIER MATERIAL
- SURFACTANT RESISTANT



Product Description: WeatherSmart is a scientifically advanced housewrap designed for use within a variety of exterior wall assemblies. It provides excellent protection from wall damage due to water intrusion and condensation.

Composition: WeatherSmart is a nonwoven, non-perforated wrap, employing an advanced breathable polymer technology.

Size & Weight: WeatherSmart is available in 3'x100', 3'x165', 4.5'x200', 9'x100', 9'x150', 10'x150', and 10'x100' rolls. Product weight is approximately 1.9 lbs/100 sq. ft. Thickness is 13 mils.

Applicable Standards: Complies with the International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the International Building Code®.

Complies as an alternative to the weather-resistant sheathing papers specified in Section R703.2 of the International Residential Building Code®.

ICC-ES Evaluation Report No. 1027.

AATCC-127 (American Association of Textile Chemists and Colorists) Method 127 Water Resistance: Hydrostatic Pressure Test

American Society for Testing & Materials (ASTM):

- *ASTM D779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method*
- *ASTM D5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)*
- *ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials*
- *ASTM E96 - Standard Test Method for Water Vapor Transmission of Materials*
- *ASTM E2178 - Standard Test Method for Air Permeance of Building Materials*

Physical Properties: WeatherSmart is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

Limitations: Product should be covered within six months. To ensure maximum exposure time, store unused product in an area

not exposed to sunlight. Inspect product to insure it is free of any protrusions or damage which may detract from the weather-resistive barrier integrity. Holes, tears or punctures should be sealed with Moistop® Sealant and Liquid Flashing or Fortifiber® Sheathing Tape. This product is not recommended for horizontal, roofing or below grade applications. Ensure that a layer of Super Jumbo Tex® 60 Minute is used to separate WeatherSmart and stucco or mortar used in masonry veneer walls.

Installation: WeatherSmart should be installed in accordance with the local applicable building code. Weather-resistive barriers should be applied horizontally, with the upper layers overlapping the lower layer by a minimum of 6", and all vertical joints should be lapped a minimum of 6". It is recommended to tape all vertical seams with Fortifiber Sheathing Tape; all seams must be taped to achieve an air barrier install; consult your design professional where necessary.

Availability: The Fortifiber Building Systems Group's products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Fortifiber Warranty: This product may be eligible for Fortifiber's FortiShield® 15 year warranty when used in conjunction with other Fortifiber products. Please see our website at www.fortifiber.com/warranty.htm for details.

Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD
Moisture Vapor Transmission	ASTM E96 Procedure A (Desiccant Method)	56 g/sm/day (8 perms)	35 g/sm/day (minimum)
Air Permeance at 75 Pascals	ASTM E2178	0.0025 L/s/sqM	<0.02 L/s/sqM
Dry Breaking Force	ASTM D5034 (Grab Test)	MD - 55 lb _f CD - 40 lb _f	MD - 40 lb _f CD - 35 lb _f
Water Resistance "Boat Test" Hydrostatic Head Water Ponding	ASTM D779 AATCC 127 CCMC 07102	Pass Pass (60 min rating) Pass (>24 hours)	10 min (minimum) 55 cm for 5 hours Pass (>2 hours)
Flame Spread Smoke Developed	ASTM E84 ASTM E84	Class A Pass Pass	Class A 0-25 0-450

SPECIFICATION SUMMARY: Provides secondary weather protection behind exterior cladding to prevent moisture penetration and condensation in exterior wall assemblies.

WEATHER-RESISTIVE BARRIER: WeatherSmart is a nonwoven, non-perforated wrap, employing an advanced breathable polymer technology.

REFERENCE SPECIFICATION: International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).



Fortifiber Building Systems Group®
Protecting Your World from the Elements®

1-800-773-4777 • www.fortifiber.com

© 2015 Fortifiber Building Systems Group. Fortifiber®, FortiShield®, Moistop® Sealant and Liquid Flashing, Protecting Your World from the Elements®, Super Jumbo Tex® and WeatherSmart® are trademarks of Fortifiber Corporation. 12/15

WEATHERSmart®

DRAINABLE

The key to protecting both building integrity and builder reputation is to utilize effective moisture control solutions. Toward that end, Fortifiber Building Systems Group® offers WeatherSmart Drainable, a scientifically-designed weather-resistive barrier that provides the optimum combination of water resistance, breathability and high-performance drainage.

“*WeatherSmart Drainable’s patented technology channels liquid away from the wall assembly...*”

WeatherSmart Drainable represents the next generation in housewrap technology, offering architects, specifiers and builders a smart housewrap solution – one that delivers the ideal balance between breathability and water

protection, so it can be used in any climate and behind most exterior claddings. WeatherSmart Drainable takes the protection of your structure to the next level, with patented technology that actually channels liquid away from the wall assembly and to the ground.

With a perm rating of 15, the WeatherSmart Drainable design provides architects and builders with the ideal level of vapor permeability – so it’s the smart choice behind fiber cement siding, brick, vinyl and wood siding. Manufactured from spunbond polypropylene fabric with a non-perforated breathable barrier layer, the product is embossed for drainage efficiency. Its design provides a highly reliable air infiltration barrier that is incredibly durable and UV stable. It resists tears, abrasions and punctures.

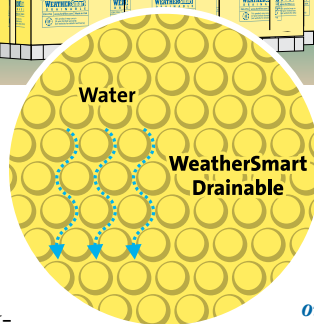
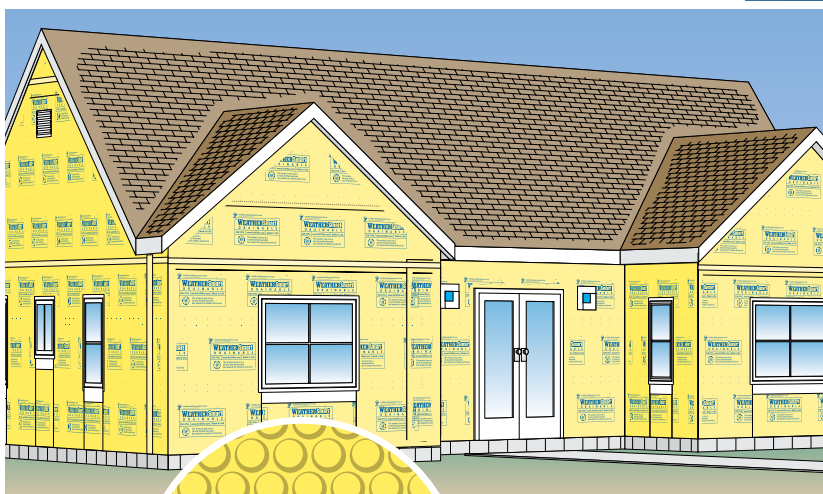
Part of a Complete Moisture Control System

The product is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group, which has been chosen by builders and architects to protect over *eight million* homes and commercial buildings from the problems caused by water intrusion. When integrated into the building envelope, our products help manage and eliminate moisture-related problems – including water-related structural failures, mold and mildew.



Decades of Proven Performance

WeatherSmart Drainable is a product distributed by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.



WeatherSmart Drainable housewrap’s enhanced drainable pattern directs water out of the wall quickly.

- EXCEEDS WATER RESISTANCE STANDARDS
- >95% DRAINAGE EFFICIENCY
- CRUSH RESISTANT DRAINABLE PATTERN
- RESISTS TEARS, ABRASIONS AND PUNCTURES
- OUTSTANDING SURFACTANT AND UV RESISTANCE



Product Description: WeatherSmart Drainable is a scientifically advanced housewrap designed for use within a variety of exterior wall assemblies. It provides excellent protection from wall damage due to water intrusion and condensation.

Composition: WeatherSmart Drainable is a spunbond polypropylene fabric with a non-perforated breathable barrier layer. The product is embossed for drainage efficiency.

Size & Weight: WeatherSmart Drainable is available in 5'x125', 9'x125', and 10'x125' rolls. Product weight is approximately 2.25 lbs/100 sq. ft.

Applicable Standards: Complies with the International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the International Building Code®.

Complies as an alternative to the weather-resistant sheathing papers specified in Section R703.2 of the International Residential Building Code®.

ICC-ES Evaluation Report No. 3791.

American Society for Testing & Materials (ASTM):

- *ASTM D 779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method*
- *ASTM D 5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)*
- *ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials*
- *ASTM E 96 - Standard Test Method for Water Vapor Transmission of Materials*
- *ASTM E 2178 - Standard Test Method for Air Permeance of Building Materials*
- *ASTM E 2273 - Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies*

Physical Properties: WeatherSmart Drainable is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

Limitations: Product should be covered within six months. To ensure maximum exposure time, store unused product in an area not exposed to sunlight. Inspect product to insure it is free of any protrusions or damage which may detract from the weather-resistive barrier integrity. Holes, tears or punctures should be sealed with Moistop® Sealant and Liquid Flashing or Fortifiber Sheathing Tape. This product is not recommended for horizontal, roofing or below grade applications. Ensure that a layer of Super Jumbo Tex® 60 minute is used to separate WeatherSmart Drainable and Portland cement stucco or mortar used in masonry veneer walls.

Installation: WeatherSmart Drainable should be installed in accordance with the local applicable building code. Weather-resistive barriers should be applied horizontally, with the upper layers overlapping the lower layer by a minimum of 6", and all vertical joints should be lapped a minimum of 12". Consult your design professional where necessary.

Availability: The Fortifiber Building Systems Group's products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Fortifiber Warranty: This product may be eligible for Fortifiber's FortiShield 15 year warranty when used in conjunction with other Fortifiber products. Please see our website at www.fortifiber.com/warranty.htm for details.

Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.

SPECIFICATION SUMMARY: Provides secondary weather protection behind exterior cladding to prevent moisture penetration and condensation in exterior wall assemblies.

WEATHER-RESISTIVE BARRIER: WeatherSmart Drainable is a spunbond polypropylene fabric with a non-perforated breathable barrier layer. The product is embossed for drainage efficiency.

REFERENCE SPECIFICATION: International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD
Drainage Efficiency	ASTM E 2273	>95% Pass	>90%
Moisture Vapor Transmission	ASTM E 96 Procedure A (Desiccant Method)	105 g/sm/day (15 perms)	35 g/sm/day (minimum)
Air Permeance at 75 Pascals	ASTM E 2178	<0.02 L/s/sqM	<0.02 L/s/sqM
Dry Breaking Force	ASTM D 5034 (Grab Test)	MD - 51 lb _f CD - 40 lb _f	MD - 40 lb _f CD - 35 lb _f
Water Resistance	ASTM D 779	>60 min	10 min (minimum)
Flame Spread Smoke Developed	ASTM E 84 ASTM E -84	Class A 0 - Pass 20 - Pass	Class A 0-25 0-450



Fortifiber Building Systems Group®
Protecting Your World from the Elements®

Call 1-800-773-4777 or 1-775-333-6400 • www.fortifiber.com.

© 2015 Fortifiber Building Systems Group®. Fortifiber®, FortiShield®, Moistop® Sealant, Protecting Your World from the Elements® and WeatherSmart® are trademarks of Fortifiber Corporation. 1/16

WEATHERSmart[®]

C O M M E R C I A L

Tough Enough for Commercial, Smarter Than the Weather

Fortifiber Building Systems Group[®] raises the bar again with the introduction of WeatherSmart Commercial, the first commercial weather barrier to build upon the advanced building science of

WeatherSmart housewrap. WeatherSmart Commercial delivers a water resistance that outperforms virtually all other commercial grade wraps, while delivering tear resistance that is up to three times that of competing products.

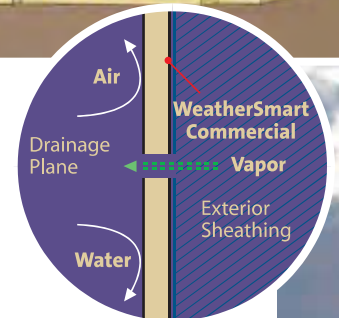
“*WeatherSmart Commercial's water resistance is unmatched by any commercial grade wrap...*”

WeatherSmart Commercial represents the next generation in weather barrier technology, offering architects, specifiers and builders a smart solution that delivers the ideal balance between breathability and water protection, so it can be used in any climate and behind most exterior claddings.

The WeatherSmart Commercial design has its roots in advanced building science research. The product is a nonwoven, non-perforated wrap, employing an advanced breathable polymer technology. Its design provides a highly reliable air infiltration barrier that is incredibly durable and UV stable for up to 12 months of jobsite exposure. So it's right at home in the most rugged conditions.

Unlike other weather barriers, WeatherSmart Commercial is highly resistant to surfactants that can severely reduce water resistance. Surfactants are chemicals that make it easier for water to pass through small holes. Exposure to these chemicals on the jobsite and by building owners in the form of power washing solutions and wood tannins is quite common, so you can count on WeatherSmart Commercial to continue providing protection long after the exterior cladding is installed.

The product is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group, which has been chosen by builders and architects to protect over *eight million* homes and commercial buildings from the problems caused by water intrusion. When integrated into the building envelope, our products help manage and eliminate moisture-related problems – including water-related structural failures, mold and mildew.



WeatherSmart Commercial protects against water intrusion and air infiltration from the outside, while allowing moisture vapor to escape from the inside.

- **EXCEEDS WATER RESISTANCE STANDARDS**
- **MEETS BUILDING SCIENCE RECOMMENDATIONS FOR BREATHABILITY**
- **OUTSTANDING UV AND SURFACTANT RESISTANCE**
- **WITHSTANDS THE RIGORS OF THE JOBSITE**
- **EXCEEDS STRICT AIR INFILTRATION STANDARDS**
- **DURABLE TEAR RESISTANCE**



Decades of Proven Performance

WeatherSmart Commercial is a product manufactured by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.



Product Description: WeatherSmart Commercial is an advanced commercial-grade weather barrier designed for use within a variety of exterior wall assemblies. It provides outstanding protection from wall damage due to water intrusion and condensation.

Composition: WeatherSmart Commercial is a nonwoven, non-perforated wrap, employing an advanced breathable polymer technology.

Size & Weight: WeatherSmart Commercial is available in 10'x125' and 5'x200' rolls. Product weight is approximately 3.27 lbs/100 sq. ft. Thickness is 25 mils.

Applicable Standards: Complies with the International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the International Building Code®.

Complies as an alternative to the weather-resistant sheathing papers specified in Section R703.2 of the International Residential Building Code®.

ICC-ES Evaluation Report No. 3515.

AATCC-127 (American Association of Textile Chemists and Colorists) Method 127 Water Resistance: Hydrostatic Pressure Test

American Society for Testing & Materials (ASTM):

- *ASTM D779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method*
- *ASTM D4533 - 11 Standard Test Method for Trapezoid Tearing Strength of Geotextiles*
- *ASTM D5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)*
- *ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials*
- *ASTM E96 - Standard Test Method for Water Vapor Transmission of Materials*
- *ASTM E2178 - Standard Test Method for Air Permeance of Building Materials*

Physical Properties: WeatherSmart Commercial is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

Limitations: Product should be covered within 12 months. To ensure maximum exposure time, store unused product in an area not exposed to sunlight. Inspect product to insure it is free of any protrusions or damage which may detract from the weather-resistive barrier integrity. Holes, tears or punctures should be sealed with Moistop® Sealant and Liquid Flashing or Fortifiber® Commercial Tape. This product is not recommended for horizontal, roofing or below grade applications. Ensure that a layer of Super Jumbo Tex® 60 Minute is used to separate WeatherSmart Commercial and Portland cement stucco or mortar used in masonry veneer walls.

Installation: WeatherSmart Commercial should be installed in accordance with the local applicable building code. Weather-resistive barriers should be applied horizontally, with the upper layers overlapping the lower layer by a minimum of 6", and all vertical joints should be lapped a minimum of 6". It is recommended to tape all vertical seams with Fortifiber Commercial Tape; all seams must be taped to achieve an air barrier install; consult your design professional where necessary.

Availability: The Fortifiber Building Systems Group's products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Fortifiber Warranty: This product may be eligible for Fortifiber's FortiShield 15 year warranty when used in conjunction with other Fortifiber® products. Please see our website at www.fortifiber.com/warranty.htm for details.

Fortifiber® Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber®, but in no event shall Fortifiber® be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.

SPECIFICATION SUMMARY: Provides secondary weather protection behind exterior cladding to prevent moisture penetration and condensation in exterior wall assemblies.

WEATHER-RESISTIVE BARRIER: WeatherSmart Commercial is a nonwoven, non-perforated wrap, employing an advanced breathable polymer technology.

REFERENCE SPECIFICATION: International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD
Moisture Vapor Transmission	ASTM E 96 Procedure A (Desiccant Method)	98 g/sm/day (14 perms)	35 g/sm/day (minimum)
Air Permeance at 75 Pascals	ASTM E2178	0.003 L/s/sqM	<0.02 L/s/sqM
Dry Breaking Force	ASTM D5034 (Grab Test)	MD - 78 lb _f CD - 74 lb _f	MD - 40 lb _f CD - 35 lb _f
Trapezoidal Tear	ASTM D453 3	MD - 33 lb _f CD - 34 lb _f	n/a
Water Resistance "Boat Test" Hydrostatic Head	ASTM D779 AATCC 127	>60 min 1266 cm	10 min (minimum) 55 cm for 5 hours
Flame Spread Smoke Developed	ASTM E84 ASTM E84	Class A Pass Pass	Class A 0-25 0-450



Fortifiber Building Systems Group®
Protecting Your World from the Elements®

Call 1-800-773-4777 • www.fortifiber.com

© 2016 Fortifiber® Building Systems Group. Fortifiber®, FortiShield®, Moistop® Sealant and Liquid Flashing, Protecting Your World from the Elements®, Super Jumbo Tex® and WeatherSmart® are trademarks of Fortifiber Corporation. 2/16

TWO-PLY HYDROTEX™ DRAINABLE WRB

Part of a Complete Moisture Control System

Meeting the need for new, innovative product solutions to help protect homes and commercial buildings from the effects of water intrusion, Fortifiber has raised the bar again with its improved version of Hydro Tex™, increasing its drainage efficiency to an industry leading 95%.

“*The Hydro Tex design delivers outstanding water holdout with a balanced perm rating...*”

Hydro Tex blends the proven performance of our Super Jumbo Tex 60 Minute® asphalt-saturated kraft paper with WeatherSmart® Drainable – packaged together into a single roll. Hydro Tex delivers substantially more drainage performance than a standard dual ply weather-resistive barrier. In fact, it exceeds the demanding code requirements for the State of Oregon (R703.1 Residential Specialty Code for weather-resistive barriers.)

The product is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group®, which has been chosen by builders and architects to protect over *five million* homes and commercial buildings from the problems caused by water intrusion. When integrated into the building envelope, our products help manage and eliminate moisture-related problems – including water-related structural failures, mold and mildew.

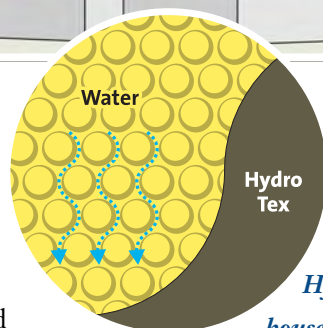
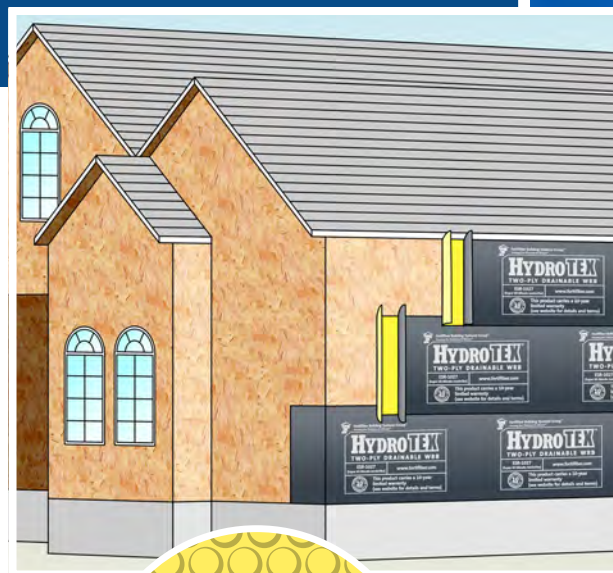
The Jumbo Tex line has been the industry standard in asphalt saturated kraft for over sixty years, having helped invent the model for how WRBs should perform in a wall system. The WeatherSmart Drainable layer is a spunbond polypropylene fabric with a non-perforated breathable barrier layer incorporating patented technology that actually channels liquid away from the wall assembly and to the ground.

The Fusion of Two Superior Products

Hydro Tex builds upon Super Jumbo Tex's stellar performance qualities by adding a layer of the most advanced drainage wrap on the market, WeatherSmart Drainable. Now builders and architects can confidently choose Hydro Tex when a highly-efficient drainable weather-resistive barrier is required, without adding the considerable labor cost of wrapping the building twice.



Hydro Tex is a product manufactured by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.



Hydro Tex housewrap's enhanced drainable pattern directs water out of the wall quickly.

- EXTRAORDINARY DRAINAGE PERFORMANCE
- EXCELLENT WATER RESISTANCE
- MEETS BUILDING SCIENCE RECOMMENDATIONS FOR BREATHABILITY
- LABOR SAVINGS FOR TWO-PLY CODE REQUIREMENTS
- NO NEED TO "MIX AND MATCH", ONE SOURCE, ONE WARRANTY



Product Description: Hydro Tex is a scientifically advanced housewrap combined with a professional Grade “D” building paper, designed for use within a variety of exterior wall assemblies. It provides excellent protection from wall damage due to water intrusion and condensation.

Composition: WeatherSmart Drainable is a spunbond polypropylene breathable fabric coated with a non-perforated breathable barrier layer. Super Jumbo Tex 60 Minute is an asphalt-saturated kraft Grade “D” breather type sheathing paper. These two products are combined to form Hydro Tex.

Size & Weight: Hydro Tex is available in 40" x 48.6' (162 sq. ft.) rolls. Product weight is approximately 7.4 lbs/100 sq. ft.

Applicable Standards: Complies with the International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the International Building Code® (IBC).

Complies as an alternative to the weather-resistant sheathing papers specified in Section R703.2 of the International Residential Building Code® (IRC).

Complies with the two-layer weather-resistive barrier requirement of the Exceptions in Section 2510.6 of the IBC and Section R703.6.3 of the IRC. Each of the materials in Hydro Tex provides a water resistance equal to or greater than that of 60 minute Grade D paper.

ICC Evaluation Service Report 1027.

Complies with Oregon R703.1 Residential Specialty Code.

American Society for Testing & Materials (ASTM):

- ASTM D-779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method
- ASTM D-828 - Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
- ASTM E-96 - Standard Test Method for Water Vapor Transmission of Materials
- ASTM E-2273 - Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies

Physical Properties: Hydro Tex is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

Limitations: Product should be covered as soon as possible. Inspect product to insure it is free of any protrusions or damage which may detract from the weather-resistive barrier integrity. Holes, tears or punctures should be sealed with Moistop® Sealant or Fortifiber Sheathing Tape. This product is not recommended for horizontal, roofing or below grade applications.

Installation: Hydro Tex should be installed in accordance with the local applicable building code. Weather-resistive barriers should be applied horizontally, with the upper layers overlapping the lower layer by a minimum of 2" (3" is recommended), and all vertical joints should be lapped a minimum of 6". Ensure that the Super Jumbo Tex side (black layer) is installed to the outside. Do not tape horizontal or vertical seams.

Availability: The Fortifiber Building Systems Group's products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Fortifiber Warranty: Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.

This product may be eligible for Fortifiber's FortiShield 15 year warranty when used in conjunction with other Fortifiber products. Please see our website at www.fortifiber.com/warranty.htm for details.

SPECIFICATION SUMMARY: Provides secondary weather protection behind exterior cladding to prevent moisture penetration and condensation in exterior wall assemblies.

WEATHER-RESISTIVE BARRIER: Hydro Tex, a scientifically advanced housewrap combined with a professional grade building paper.

REFERENCE SPECIFICATION: Federal Specification UU-B-790a, Type 1, Grade “D”. International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38).

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD
Moisture Vapor Transmission	ASTM E-96 Procedure A (Desiccant Method)	49.8 g/sm/day (7.6 perms)	35 g/sm/day (5 perms)
Water Resistance “Boat Test”	ASTM D-779	>120 min	10 min (minimum)
Drainage Efficiency	ASTM E-2273	>95%	≥75%
Tensile Strength	ASTM D-828	MD - 70 lb./inch CD - 60 lb./inch	MD - 20 lb./inch CD - 20 lb./inch



Fortifiber Building Systems Group®
Protecting Your World from the Elements®

Call 1-800-773-4777 or 1-775-333-6400 for sales and technical assistance. On the Internet visit www.fortifiber.com.

© 2015 Fortifiber Building Systems Group. Fortifiber®, FortiShield®, Hydro Tex™, Moistop® Sealant, Protecting Your World from the Elements®, Super Jumbo Tex® and WeatherSmart® are trademarks of Fortifiber Corporation. 12/15

FORTIFIBER® SHEATHING TAPE

- **AGGRESSIVE, TACKY ADHESIVE AIDES IN SPLICING TO VARIOUS NON-SILICONE SURFACES.**
- **STRONG PET CARRIER ADDS DIMENSIONAL STABILITY AND STRENGTH.**
- **EXCELLENT BALANCE OF TACK, PEEL, AND TENSILE STRENGTH.**
- **MAINTAINS ADHESION AT LOW TEMPERATURES.**
- **EXHIBITS EXCELLENT AGING AND WEATHERING PROPERTIES.**
- **PROVIDES AN OUTSTANDING SEAM AND LAP SEAL.**
- **MAY BE APPLIED DOWN TO 10°F (-10°C).**
- **DESIGNED FOR USE WITH HYDRO TEX™, JUMBO TEX®, PLYDRY®, WEATHERSMART® AND WEATHER TEX® WEATHER RESISTIVE BARRIERS.**



Performance Properties: FORTIFIBER SHEATHING TAPE

Property	Fortifiber Sheathing Tape
Roll Dimensions	1 7/8" x 55 yards; 3" x 55 yards
Adhesive	Acrylic
Backing	Coated Polyester Film
Peel Adhesion (stainless steel)	20 oz./inch
Tensile Strength	37 lbs./inch
Elongation	110%



Fortifiber Building Systems Group®
Protecting Your World from the Elements®

**Call 1-800-773-4777 or 1-775-333-6400
for sales and technical assistance.**

On the Internet visit www.fortifiber.com.