

TAMLYN® WATER MANAGEMENT SYSTEM & TAMLYNWRAP DRAINABLE HOUSEWRAP

Tech Support / Sales: 800-334-1676
www.tamlyn.com



TamlynWrap® Drainable Housewrap

TamlynWrap® Drainable Housewrap is the newest moisture management product from Tamlyn. This innovative product effectively eliminates excess moisture and mitigates the damaging effects of mold and rot. Its unique design removes at least 100 times more bulk water from a wall versus standard housewraps. This is achieved through the gap created by 1.5 mm spacers bonded to a high performance housewrap. This patented gap design provides a true drainage space between the sheathing and cladding material.

Available in 5 ft width and 100 foot lengths



XtremeFlashing™ Tape

The right option for sealing at almost all openings - windows, doors, through wall penetrations, and many other locations. Available in either synthetic butyl or asphalt based compositions.

Available in 4", 6", 9", and 12" widths and in both 75 foot and 100 foot lengths



XtremeFlex™ Butyl Tape

A flexible tape product that can be formed to follow curved surfaces and assure proper sealing at any curved openings.

Available in 9" by 75 foot lengths



XtremeSeam™ Tape

A unique 2" wide by 65' DOUBLE SIDED butyl tape for sealing horizontal and vertical overlaps. Vital for maintaining proper shingling on horizontal laps.

12 rolls per case



XtremeSealant™

The necessary and compatible, non-hardening sealant for use around door and windows to provide the final measure of security and water management.

24 tubes per case

"When Doing It Right Matters"

Technical Answers

WHY SHOULD I CARE ABOUT MANAGING MOISTURE AND DRAINAGE IN MY WALL SYSTEM?

Lack of moisture management has become the leading cause of exterior wall system damage to buildings. Having an adequate drainage plane design and process element and an installation that helps to remove water in walls of structures has become essential and in some instances required by code. Consulting firms that specialize in enclosure performance recognize effective drainage is a key factor of good building design.

WHAT HAPPENS WHEN MOISTURE IS TRAPPED IN MY WALL SYSTEM?

Lack of adequate drainage in the wall system can lead to issues as “simple” as paint/stain failure to more complex to remedy problems such as mold, breakdown of the wall materials, and damage to the structural components of walls and floors.

WHAT DOES NONWOVEN AND WOVEN MEAN IN HOUSEWRAP?

Nonwoven and woven are two different methods of producing the primary fabric material used in a housewrap. Woven material has crossing “threads” while nonwoven is made more like a paper manufacturing process.

WHAT IS THE DIFFERENCE BETWEEN NONWOVEN AND WOVEN HOUSEWRAPS?

The key difference is the method by which the vapor permeability is achieved in the two types. Most woven products tend to require micro-perforations to allow vapor permeability, while non-wovens do not. Micro-perforations can decrease the water resistance of a housewrap.

WHY IS YOUR PERM RATING ONLY 19? IS A HIGHER OR LOWER PERM RATING BETTER?

Current building science research indicates that the ideal vapor permeability rating is in the range of 8-20 perms. The vapor permeability of TamlynWrap® Drainable was engineered to fall into the upper level of the range. Perms within the range are acceptable for most climate conditions. Please refer to our “Keys to Moisture Management” paper found at www.tamlynwrap.com for more detailed specifics.

WHAT DO YOU MEAN THAT TamlynWrap® DRAINABLE IS A BI-LAMINATE SUBSTRATE?

The substrate material, the “wrap or sheet”, is a two ply product consisting of the nonwoven base material which has a vapor permeable, water resistant film overlaid on to the base product. This bi-laminate product offers great tear strength, and it places the water resistant film at the outer layer to provide the best possible water shedding.

WHAT ARE THOSE DIMPLED FILAMENTS RUNNING ACROSS THE SHEET MADE FROM?

The filaments that are bonded to the base housewrap are made from a ridged, non-compressible, polyolefin monofilament material similar to a monofilament fishing line. The filament does not flatten out when cladding is attached.

WHY ARE THOSE LONG DIMPLED FILAMENTS THERE AT ALL?

The filaments, which are 1.5mm in height and run continuously the width and length of the TamlynWrap® Drainable housewrap are designed to provide a solid and strong hold-off of the exterior cladding material away from the “sheet” portion of the housewrap, allowing effective, constant drainage.

DON'T THE FILAMENTS STOP THE WATER DRAINAGE TO THE BOTTOM OF THE WALL?

The regular compressed spaces on the filament allow drainage while providing a constant adhesion of the filament. And TamlynWrap® Drainable is omni-directional, unlike almost all other “drainable” housewraps. The application savings of the omni-directional product is a valuable cost savings compared to other “drainable housewrap offerings.

WHY IS TamlynWrap® Drainable BETTER THAN Tyvek® Drainwrap® AND OTHERS?

Our product has three specific features that make it better than Tyvek® Drainwrap® and all other “drainable” type housewraps currently available. **First** it is omni-directional and thus is the most economical to use wrap in its class of products. **Second**, it has the widest drainage gap on the market at a 1.5mm standoff from the cladding and **Third**, it provides the strongest most non-compressible stand-off in the drainable wrap market.

WILL I STILL HAVE TO INSTALL A RAINSCREEN SYSTEM? AND, IF SO, WHY USE TamlynWrap® DRAINABLE HOUSEWRAP?

TamlynWrap® alone drains and dries moisture just as effectively as a common wrap and a 3/8" rainscreen combination. We have the test results to prove this.

However, many codes and regulations will still mandate a rainscreen system that not only provides drainage but a much deeper air space for enhanced drying of wall components than the 1.5mm stand-off of TamlynWrap® Drainable.

Use of TamlynWrap® Drainable housewrap product does provide the added value of producing airspace behind the commonly used furring/rainscreen products such as extruded PVC, wood or plywood lath strips.

WHAT KINDS OF CLADDING MIGHT I BE ABLE TO USE WITH TamlynWrap® DRAINABLE HOUSEWRAP?

Fiber Cement Planks or Panels, Natural Wood Siding, Processed wood siding, Vinyl, Metal, Stucco, Stone/Masonry Veneer or Manufactured stone, and other approved and recognized exterior cladding products are all acceptable for use with TamlynWrap® Drainable if proper installation practices are carried out.

CAN I USE TamlynWrap® DRAINABLE IN A STONE OR STUCCO APPLICATION?

Yes, but there should be a second layer of material such as kraft paper or building felt between the TamlynWrap® Drainable and the scratch coat as is shown in our install diagrams to prevent stucco or mortar from filling the drainage plane of the sheet. Refer to the specific instructions at www.tamlynwrap.com addressing stucco installation procedures.

IS TamlynWrap® DRAINABLE USABLE IN AN EFIS WALL APPLICATION OR EXTERIOR INSULATION BOARD APPLICATION?

As a component to enhance and improve the total wall drainage system TamlynWrap® Drainable may be used behind the foam board in an EFIS system. On structures using an exterior insulation board wall system TamlynWrap® Drainable may also provide effective coverage for drainage directly behind the final exterior cladding.

MIGHT I BE ABLE TO USE TamlynWrap® DRAINABLE AS A ROOF UNDERLAYMENT?

No testing has as yet been conducted using the product as a roof underlayment, so it is not currently recommended for such use.

WHERE WE ARE BUILDING, THE CODE DOES NOT REQUIRE A DRAINABLE WRB.

WHY SHOULD I USE ONE?

Even though not code required, use of a WRB is still the "best practice" and provides the highest level of assurance of the most effective wall system. The probable damage to wall systems when WRBs are not used is well documented. All too often, local codes are lagging behind the industry's understanding of the most effective process of installation.

ARE YOU GREEN?

Yes, TamlynWrap® Drainable satisfies the code requirements for Green Building standards

Physical Property Answers

HOW STRONG IS TamlynWrap® DRAINABLE HOUSEWRAP?

It has been tested to withstand 80 plus MPH winds when correctly installed.

WHERE CAN I BUY TamlynWrap® DRAINABLE HOUSEWRAP?

It is available nationally through a variety of purchase channels. Please contact us toll free at **800-334-1676** or www.tamlynwrap.com for a referral to the closest source to your jobsite.

WHAT IS THE PRICE OF TamlynWrap® DRAINABLE HOUSEWRAP?

Pricing varies regionally based on transportation and servicing costs. An exact quote would be provided through your local supplier of choice.

WHY DO YOU ONLY OFFER A 5 FT TALL ROLL?

Our 5 foot roll makes an easy one-man installation possible and the ease of handling reduces the buckling, wavy condition that occurs with wider rolls.

IS THE 100 FT LONG ROLL THE ONLY SIZE?

Yes, this keeps the one-man installation and handling value intact. The full roll is only 17 lbs in weight and therefore hand manageable at any place on a jobsite.

WHAT IS THE GROSS AND NET COVERAGE OF A SINGLE ROLL?

Gross coverage is 500 square feet and maximum net coverage with a single horizontal and vertical lap is 447.5 Sq. Ft.

HOW IS THE TamlynWrap® DRAINABLE HOUSEWRAP PACKAGED?

Each roll is individually shrink wrapped and has cardboard end caps on the roll. Each roll is barcode labeled and has install instructions included. Pallet packs are normally 24 or 28 rolls per pallet. A full pallet is pickup truck transportable.

IS CUSTOMIZED COMPANY LOGO PRODUCT AVAILABLE?

For a minimum prepaid order of 552 rolls a custom logo can be added along with the TamlynWrap® logo.

Installation Answers

WHAT FASTENERS MUST I USE WITH TamlynWrap® DRAINABLE?

To meet the minimum warranty requirements and to follow best practices, you must use either cap nails or cap staple fasteners to apply the product. Use of the cap fasteners minimizes the potential for the tearing and blow-off that occurs in many applications.

THE INSTALL INSTRUCTIONS SAY THAT WE DO NOT HAVE TO TAPE WITH TamlynWrap® DRAINABLE APPLICATIONS. WHY?

If you are not using TamlynWrap® Drainable housewrap as an air barrier, taping of vertical or horizontal seams is not mandatory as long as you comply with the minimum overlap directions and the product is installed in shingle fashion. Appropriate taping and flashing around all openings, windows, doors, etc. is still required. However, if you are using TamlynWrap® Drainable as an air barrier installation, all seams and overlaps will need to be properly taped.

WHAT FLASHING TAPES AND SEALANTS DO YOU RECOMMEND AND WHY?

The Tamlyn Water Management System has been designed as a complete system that has available all components from Tamlyn directly

including XtremeFlashing™ tape, XtremeSeam™ overlap seam tape, and XtremeSealant™ caulk.. We are able to assure that the entire system is compatible by supplying all components.

YOUR INSTRUCTIONS CALL FOR THE HORIZONTAL SEAM TAPE TO BE INSTALLED BETWEEN THE LAYERS OF WRAP, WHY?

The Tamlyn system focuses on best practices and by installing between the layers, our system maintains the “shingling” flow down the wall that is the correct way to install overlapping materials. It will drain down and out with no barrier shelves along the way.

DO YOU HAVE AN AIR BARRIER INSTALLATION GUIDE?

The Tamlyn Install guide includes the proper steps to be taken to meet air barrier requirements. It is available at www.tamlynwrap.com.

Warranty Answers

WHAT IS THE WARRANTY ON TamlynWrap® DRAINABLE HOUSEWRAP?

It is available with two different levels of warranty.

Option one is a 15 year limited materials and labor warranty. This requires use of exclusively Tamlyn branded products for flashing and sealing during installation and must be site verified by a Tamlyn agent prior to close-up.

Option two is a 10 year basic material only warranty that can be accomplished simply by installing with cap fasteners per our install instructions and using compatible flashing materials from our list of approved acceptable items.

DO I HAVE TO USE TAMLYN XtremeFlashing™ TAPE TO GET THE 15 YEAR WARRANTY?

Yes, we require the use of our complete system of products to qualify for the 15 year warranty. This includes XtremeFlashing™ tape, XtremeSeam™ overlap seam tape, and XtremeSealant™ caulk. Our system components are designed to afford the most effective installed system.