

# ***JT-40 Membrane***

## **CONSTRUCTION WATERPROOFING TAPE**

### **DESCRIPTION:**

***JT-40 Membrane*** is a rubberized asphalt waterproofing coating, laminated to polyethylene film. The coating is supplied in rolls, with an easy to remove film release sheet, for easy application.

### **USES:**

***JT-40 Membrane*** is used to strip in or flash window frames, door frames, and other construction seams.

### **ADVANTAGES:**

- ! Self seals around nails, staples, and fasteners
- ! Waterproofs surfaces underneath
- ! Adheres to most clean and dry surfaces instantly
- ! If the building moves slightly, this elastomeric material will stretch and not tear
- ! Easy and mess free.

### **INSTALLATION:**

The **sequence** of installation is:

1. Window sill (prior to setting window).
2. Vertical pieces over window flanges.
3. Horizontal piece over top window flange.

**ABOVE SEQUENCE IS IMPORTANT BECAUSE ALL EDGES MUST BE SHINGLE LAPPED TO PREVENT ENTRY OF WATER.**

### **INSTALLATION PROCEDURE:**

1. Make sure the surface is clean, dust free, smooth, and dry. (Note: do not apply over silicone caulk or other solvent based products).
2. If surface is OSB board, prime with ***Polyguard 650 LT Liquid Adhesive***.
3. Cut the length you want to use from the roll with utility knife or scissors.
4. Remove 12" or more of the release film and center the tape over the area to be sealed.
5. Firmly press or roll the tape to the area being sealed. As you go along, pull more of the release film from the tape, exposing the adhesive surface, pressing down the tape and keeping the tape smooth. When through with the strip, roll it into place.



This Information is based on our best knowledge, but  
POLYGUARD cannot guarantee the results to be obtained

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As of 8/1/2001 Polyguard Products' quality system has been certified to the following quality system requirements:  
• ANSI/ASQC  
• DUTCH COUNCIL FOR CERTIFICATION  
• STANDARDS COUNCIL OF CANADA

<b>PROPERTIES OF JT-40 Membrane</b>	<b>TYPICAL RESULTS</b>
Thickness ( <i>mils</i> )	40.0
Water Vapor Transmission <i>ASTM E 96 (Method B)</i>	Permeance (U.S. perms) <.014
Peel Adhesion <i>ASTM D 1000 (To Primed Steel)</i>	>10.0 lbs./in. width
Elongation-Ultimate Failure of Rubberized Asphalt <i>ASTM D 412 (Modified Die C)</i>	>400%
Low Temperature Pliability <i>ASTM D 146 (Modified)</i>	No cracking at -15 deg. F.

### **STORAGE:**

Clean and dry inside storage is preferable. If you will be installing the material in cooler weather, store the material inside at room temperature for 24 hours prior to installation. Keeping the roll warm will improve the adhesiveness of the material when you install it.

### **LIMITATIONS:**

Do not apply this material to flexible vinyl surfaces. Plasticizers used in flexible vinyls are often incompatible with the type of adhesives used in rubberized asphalt adhesives. **NOTE: OSB BOARD** usually contains components which reduce adhesion of **Polyguard JT-40 Membrane**. If used on OSB board, **Polyguard 650 LT Liquid Adhesive** must be applied first to guarantee adhesion.

At cold temperatures, 45° F or lower, this material will lose a portion of its adhesiveness. Test for adhesion at the start of the job to see if there is sufficient adhesion. If not, follow instructions under storage, and wait until warmer temperatures. Use of a heat gun or a primer, can also improve adhesion at lower temperatures.

This material may also be mechanically fastened using nails, screws, or staples if conditions make adhesion difficult.

Do not expose material to sunlight for over 60 days. Do not use on roof surfaces, or anywhere that this material might be walked on. The material has a slippery surface.

### **PRECAUTIONS:**

If liquid adhesive is used, read their directions for any limitations. Solvent based liquid adhesive should be handled carefully, as they can be harmful or fatal if swallowed. Some primers are marked as red-label, which means there is a danger from flames, sparks, welding and smoking during application.

**Keep out of reach of children.**

This material is offered for sale by **POLYGUARD PRODUCTS, INC.** only for the expressed purposes as described in this literature.

### **WARRANTY:**

POLYGUARD PRODUCTS will replace fob Ennis, TX, any material with manufacturing defects which cause leaks for a period of five years from date of purchase. POLYGUARD PRODUCTS will not be liable for any other claims or damages, whether direct or indirect, including consequential damages or incidental damages.

**MATERIAL SAFETY DATA:**

All Material Safety Data Sheets and precautionary labels should be read and understood by all user supervisory personnel and employees before using. Consult **POLYGUARD PRODUCTS, INC.** Material Safety Data Sheets and OSHA regulations for additional safety and health information for the products described herein. Purchaser is responsible for complying with all applicable federal, state or local laws and regulations covering use of the product including waste disposal.

This is not a Material Safety Data Sheet and is not to be used as such. **POLYGUARD** has prepared separate Material Safety Data Sheets on each product.

**PACKAGING:**

<i>ROLL SIZES</i>	<i>ROLLS/ CARTON</i>	<i>FT<sup>2</sup> PER CARTON</i>	<i>WEIGHT / CTN</i>	<i>CTNS / PALLET</i>
4" X 75'	9	225	65	36
6" X 75'	6	225	65	36
9" X 75'	4	225	60	36
12" X 75'	3	225	60	36
16" X 75'	3	300	80	25
18" X 75'	2	225	60	36
24" X 75'	2	300	80	25
48" x 75'	1	300	80	25

**MAINTENANCE:**

Installed materials should be checked before final siding application for disbondment of edges. Repair as necessary using procedures shown in this specification.

**TECHNICAL SERVICE:**

Technical assistance, information and **POLYGUARD'S** products are available through a nationwide network of distributors and residential representatives, or contact **POLYGUARD PRODUCTS, INC.**

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