

# PEEL 'N STICK™

## ALUMINUM ROLL ROOFING

FOR LOW SLOPE ROOFS AND REPAIRS

### DESCRIPTION

POLYGUARD PEEL 'N STICK™ is a rubberized asphalt waterproofing coating, laminated to two layers of high strength polyethylene film, with a top protective layer of aluminum. The coating is supplied in rolls, with an easy to remove film release sheet, for easy application.

### USES

PEEL 'N STICK™ is used as a surface on low slope roofs, and as a repair material.

### ADVANTAGES

- Resists sunlight and most chemicals.
- Waterproof.
- Adheres to most surfaces instantly.
- If the building moves slightly, this elastomeric material will stretch and not tear.
- Easiest and most mess free material available.
- Aluminum surface will reflect heat and cut energy costs.

### INSTALLATION

1. Make sure the surface is clean, dust free, smooth, and dry. If surface is dusty, an asphalt based primer will improve adhesion. (Note: membrane will not adhere well to granular roofing surfaces. If you wish to install over this type of surface, the membrane must be securely adhered to decking higher up on the slope)
2. Cut the sheet to size with utility knife.
3. Put the membrane in place along the area where you wish to install it. (Be careful not to walk on this membrane when there is any moisture on it. Water makes it very slippery)
4. Pull back a couple of inches of release film from one end, exposing the adhesive surface. Now place the adhesive surface onto the **exact** area where you wish to install it (Be careful to place it exactly..once this membrane touches the surface, it can be extremely difficult to remove.)
5. With one end now in place, pull back the release film along the roll slowly. As you expose more adhesive, place the membrane onto the surface. Go slowly at first; you can speed up as you get a feel for how this material works.
6. When you reach the end of the first section, go back over the surface to make sure that all areas have been rolled down to achieve 100% surface contact. Small wrinkles should be pressed down. Large wrinkles should be cut out and repaired with another piece of material.
7. When installing the next rolls, be sure to **overlap** rolls. End overlaps should be at least 6". Side overlaps should be at least 3". Remember to always shingle side overlaps, with the higher roll overlapping the lower roll, to assure drainage.

<b>PEEL 'N STICK™ TECHNICAL DATA</b>			
PROPERTY	TEST METHODS	TYPICAL RESULTS	
		English	Metric
Thickness - mils (mm)		40	1.00
Water Vapor Transmission - US perms (g/Pa-s-m <sup>2</sup> )	ASTM E 96 B	.014	0.81x10 <sup>-9</sup>
Peel Adhesion to Primed Steel - lb/in.width (N/mm)	ASTM D 1000	15.0	2.2
Tensile Strength Film - PSI (N/mm <sup>2</sup> )	ASTM D 882 (Method A)	5000	35
Elongation-Ultimate Failure of Rubberized Asphalt - %	ASTM D 412 (Modified Die C)	>85%	>85%
Low Temperature Pliability @ -15 deg F (-26 deg C)	ASTM D 146 (Modified)	no effect	no effect

### STORAGE

Clean and dry inside storage is preferable. If you will be installing the material in cooler weather, it's a good idea to 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.



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

**POLYGUARD PRODUCTS, INC • ENNIS, TEXAS 75120-0755**  
 PH: 214-515-5000 • 800-541-4994 • FAX: 972-875-9425  
 Web Site: [www.polyguardproducts.com](http://www.polyguardproducts.com)



## PACKAGING

ROLL SIZES	ROLLS/ CARTON	LIN FT/ PER CARTON	LBS / CTN	CTNS / PALLET
36" x 33.3'	1	33.3	31	42
4" X 33.3'	9	299.7	31	42
6" X 33.3'	6	199.8	31	42
9" X 33.3'	4	133.2	31	42
12" X 33.3'	3	99.9	31	42
18" X 33.3'	2	66.6	31	42

## LIMITATIONS

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 hot air gun, or use of a liquid adhesive, such as Polyguard **650 LT**, can improve adhesion at lower temperature.

This material is intended for surfaces with minimum slope of ½" per foot. This is necessary for proper drainage.

## PRECAUTIONS

This material is **very slippery**, so you should be careful when walking on it. DO NOT walk on it when it is wet.

Due to reflectivity, this material can contribute to sunburn. Protect your skin and eyes.

At the edge of the roof, always use warning lines, so that installers who walk backwards will be aware of the edge. Always be aware of the edge, to prevent falls.

Before starting, be certain that the surface will support the full weight of installers, plus any materials or equipment to be used.

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

Solvents could be irritating to the eyes. In case of contact with eyes, flush with water and contact physician.

Avoid prolonged contact with skin and breathing of vapor or spray mist from *liquid adhesives*. In confined areas, use adequate forced ventilation, fresh air masks, explosion proof equipment and clean clothing.

**Keep out of reach of children.**

This material is offered for sale by POLYGUARD only for the expressed purposes as described in this literature. POLYGUARD will replace F.O.B. Ennis, Texas, material not meeting our manufacturer's specifications one year from sale date.

## 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 Material Safety Data Sheets and OSHA regulations for additional safety and health information for the products described here. Purchaser is responsible for complying with all applicable federal, state or local laws and regulations covering use of the product including disposal.

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

## MAINTENANCE

Installed materials should be checked periodically for disbondment of edges. Repair as necessary using procedures shown in this specification.

## WARRANTY

Polyguard warrants to the original retail purchaser that the product will be free from leaks caused by defects in materials of manufacturing for a period of ten years after purchase date. Materials must be installed exactly in accordance with written instructions as on our product data sheet at date of purchase. No warranty exists in cases of misapplication or faulty workmanship. Polyguard's only obligation is to repair or resupply, at its option, only that portion of the purchase price representing the time the material has been installed to the 120 month warranty period. Polyguard is liable for no additional remedies, hereby expressly denying any other claims for damages, whether direct or indirect consequential or incidental, including but not limited to property damage, personal injury to the buyer or to a third party and loss of business or profit from use or inability to use the material. Any implied warranties arising under state law are limited to the duration of this express warranty. Some states do not allow limitations on period of implied warranty, and/or exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may have other rights which differ between states.

## 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.