

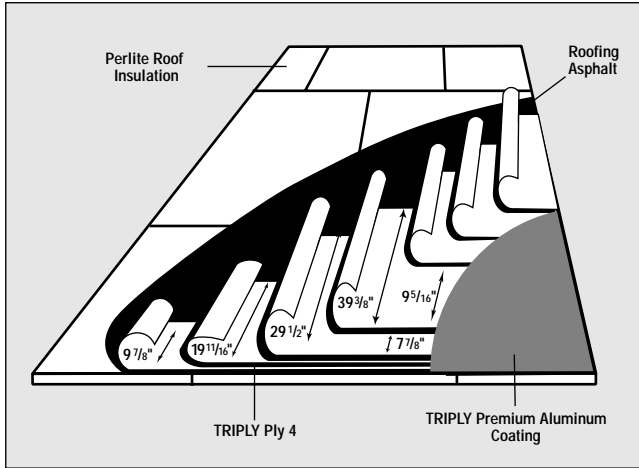
# TRIPLY® “BUILT-UP” 4 PLY SYSTEM

## Information Sheet



*Quality You Can Trust Since 1886...  
From North America's Largest Roofing Manufacturer™*

# TRIPLY® "BUILT-UP" 4 PLY SYSTEM



**Substrate**—Insulated decks

**Slope**—Up to 6 inches per foot.

### Materials

- Perlite Insulation
- TRIPLY Insulation Fastening System
- TRIPLY Ply 4
- GAF Materials Corporation Roofing Asphalt
- TRIPLY Premium Aluminum Roof Coating

### General

Design and Application Instructions shall apply in addition to the following recommendations and specifications. For additional information call 1-800-766-3411

### Application of Roofing Membrane

Starting at the low point on the roof, mop four plies of TRIPLY Ply 4 shingle fashion; lapping each sheet  $30\frac{7}{16}$  inches over the preceding sheet; solidly mopping to the underlying substrate to provide four plies over the entire roof area.

### Asphalt Requirements

Interply moppings of Roofing Asphalt must be applied in a continuous film and shall consist of approximately 25 pounds per 100 square feet of roof area with a tolerance not to exceed 20% plus or minus. The appropriate asphalt for the slopes involved must be used.

Slope per foot	Asphalt Type
Up to 3"	Steep ASTM Type III
3"-6"	HT-Steep ASTM Type IV

On slopes up to 1/2 inch per foot, Flat ASTM Type II may be used except in Florida, Texas, New Mexico, Arizona, and California.

### Surfacing

Over the entire surface, apply a uniform coating of TRIPLY Premium Aluminum Roof Coating at a rate of  $1\frac{1}{2}$  - 2 gallons per 100 square feet. The TRIPLY membrane surface must be clean, dry, and free of all loose dirt and dust at the time of coating.

## Safety Precautions/Considerations

Roofing is a hazardous activity. Workers must be properly trained to work in a manner to avoid falls, burns, back injuries, heat related afflictions, etc.

It is the sole responsibility of the roofing applicator to enforce fire safety precautions and to ensure safety at all times. All appropriate OSHA and local codes should be followed in the application of roofing. All personnel involved in roofing should be properly trained in safety and fire procedures. Proper clothing and equipment should be worn at all times on the job site.

We refer you to the National Roofing Contractors Associations Passport to Safety booklet which addresses numerous safety concerns.

National Roofing Contractors Association  
O'Hare International Center  
10255 West Higgins Rd. Suite 600  
Rosemont, IL 60018-5607  
(708) 299-9070

## Installation of TRIPLY Ply Felts

The application of roofing membrane shall commence at the low points of the roof. Application will not be accepted if at any point the flow of water is against the laps.

The phased application of built-up roofing membranes is not acceptable. This means all board insulation and plies of membrane to be installed in a given area must be completed and watertight at the end of each work day. Any water cut offs must be completely removed before resuming work.

Application of plies normally proceeds shingle fashion, lapping each sheet over the preceding sheet 30 inches, 26<sup>7</sup>/<sub>8</sub> inches, or 20<sup>7</sup>/<sub>8</sub> inches, depending on the number of plies. The headlap should be nominally 2 inches; at no point should the headlap be less than 1 inch.

Glass felts should be allowed to unroll evenly without constant correction, or fishmouths and buckles may develop; such irregularities should be immediately cut out and repaired before proceeding. If the roll starts to run off, it should be cut off and restarted.

All rolls should be rolled and broomed in place immediately behind the mop and firmly embedded into the hot mopping. Brooming should be done from the unmopped side of the roll rather than walking directly behind the roll. Dragging a full roll width broom is suggested rather than pushing. Excess traffic and equipment should also be kept off the completed plies until asphalt has set in order to avoid the displacement of the asphalt. Cut off all felts a nominal 2 inches above the top of the cant at walls vertical surfaces.