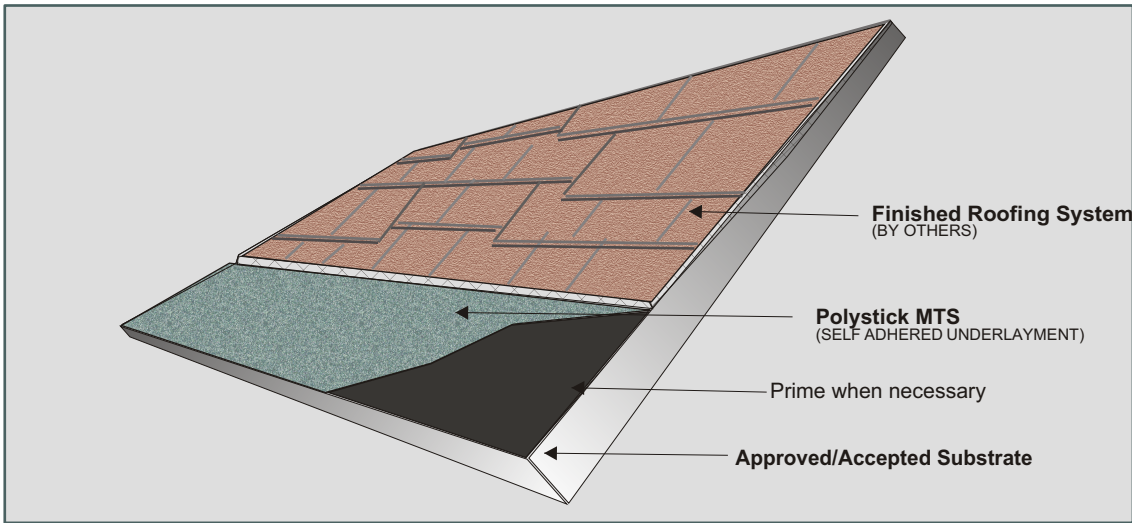


*Adds value!*

**100 SERIES SPECIFICATIONS**  
**Polystick MTS**  
**Metal / Tile / Shingle Roofing System**  
**New or Re-Roofing Application**



**PART 1 - DESCRIPTION**

Provide all labor, materials, equipment, supervision and incidentals as needed to install a complete POLYGLASS® reinforced modified bituminous underlayment over a new or accepted, prepared existing roof substrate. All details of installation shall conform to POLYGLASS® Specifications, Details and General Recommendations.

**QUALITY ASSURANCE**

Products used in the work of this Section shall be manufactured by POLYGLASS® or accepted for use in conjunction with the products manufactured by POLYGLASS®.

The Roofing Contractor and his personnel shall be currently accepted by POLYGLASS® as qualified to install the materials of this section. Do not apply roofing during inclement weather. Do not apply roofing membrane to damp frozen, dirty or dusty surfaces.

**PART 2 - MATERIALS**

**Underlayment - POLYGLASS® Polystick MTS**, A homogeneous rubberized asphalt waterproofing membrane, glass fiber reinforced designed specifically for use as a metal, mechanically attached tile, shingle underlayment. The bottom surface of the sheet has an adhesive compound with split release film for ease of application.  
**TRADENAME: POLYSTICK MTS**

**FINISHED ROOFING SURFACE - Metal, Tile or Shingles**, Manufactured by Others.

**ASPHALT PRIMER - Meeting ASTM D 41 specification**, applied in strict conformance to manufacturers recommendations.

**PRODUCT HANDLING**

All materials, except those that are shop fabricated shall be delivered to the job site with their original labels intact. Bulk materials, shall be identified by the manufacturer as to specification issued

.All materials shall be stored in accordance with the instructions of the manufacturer prior to their application or installation. No wet or damaged materials will be used in the application. Materials stored on the job site shall be a minimum 4" off the ground of the roof.

Application of all roofing shall be accomplished in such a way that each area will be complete at the end of each day's work. All roof edges and incomplete flashing shall be protected against water entry, particularly between work periods.

When ambient temperature is below 40 DEG. F, care must be exercised in handling and storing POLYGLASS® membrane. Only rolls for immediate application shall be exposed to the elements.

All masonry, concrete and sheet metal surfaces incorporated into the roof system shall be primed with asphalt primer meeting ASTM D-41 specification and allowed to dry prior to installing bituminous roofing materials.

Wood curbs or nailers, where required, shall be pressure treated with accepted pressure treatment meeting AWAP Standard P-5.

**PART 3 - APPLICATION PREPARATION**

**FOR REROOFING APPLICATIONS**

Remove existing metal edging down to the surface of the roof. Remove existing flashings at roof details and roof penetrations.

Remove all wet or deteriorated roofing substrate materials or insulation and fill in any low spots occurring as a result of removal work, to create a smooth even surface for application of underlayments.

Existing roof surfaces shall be primed as necessary with asphalt primer meeting ASTM D-41 specification and allowed to dry prior to installing the POLYGLASS® underlayment.

## INSTALLATION

Decks: Prime where required, in accordance with requirements and recommendations of the primer & deck manufacturer (if applicable). DensDecking must be primed No Less than two (2) times.

Where a vapor retarder, slip or base sheet is required by the specifier: Follow the instructions with regard to the particular materials specified and install in accordance with the recommendations of the manufacturer and the requirements of the architect.

## MEMBRANE

Cut and unroll the POLYSTICK MTS membrane to a suitable desired length (depending on conditions etc.). Position the material in the desired location on the substrate and proceed as follows; align the membrane at the lowest edge of the roof. Fold the material back onto itself (width wise) and remove the split back release paper from the exposed side, gradually push/roll the material into place (do not lift and drop the material into place, air pockets may occur that will be difficult to remove). Apply even pressure along the entire length of the membrane, from center to outer edges, to avoid air inclusions or wrinkles. Repeat for other side. Position the next sheet by overlapping seams to lineup the overlap of the top sheet edge with the inside of the bottom sheet. After adhering roll, it is recommended that uniform pressure be applied to the entire roll area by a weighted roller or water-filled lawn roller. Care must be taken during rolling on sloped roofs.

The rolls of membrane shall be installed perpendicular to the slope of the roof, starting at the lowest point of application, wherever possible. Laps of sheets should be installed to shed water with the slope of the roof wherever practical.

At any intersection between different roof slopes, narrow valleys or gutters (less than 3' wide) or similar details, install an additional ply of POLYSTICK MTS, extending minimum 3" onto each surface.