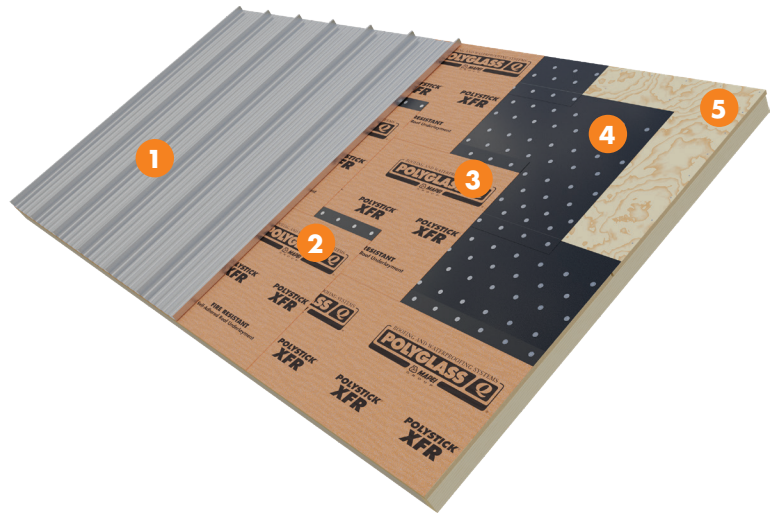


200 SERIES SPECIFICATIONS

2-ply Polystick® XFR Fire Resistant Underlayment System New or Re-Roofing Application

- 1 Roof Covering: Metal/Shingle/Tile (by others)
- 2 Top Ply Underlayment: Polystick XFR
- 3 Base Ply Underlayment: Polystick XFR
- 4 Optional Base Layer: 30 lb. Base (per code)
- 5 Roof Deck: Approved/Accepted Substrate



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 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

Polystick XFR - Polystick XFR is a dual purpose fire resistant and self-adhered waterproofing underlayment. Utilizing ADESO® dual-compound self-adhered technology, Polystick XFR features a SBS (elastomeric) modified bitumen upper compound and an aggressive self-adhesive compound on the bottom. Polyglass' patent pending Burn-Shield Technology™ provides superior fire resistance.

Trade Name: Polyglass Polystick XFR

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Trade Name: Polyglass Polystick XFR

FINISHED ROOFING SURFACE - Metal/Shingle/
 Tile roofing systems manufactured by others.

ASPHALT PRIMER - Meeting ASTM D41 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°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 D41 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

The roof surface, which is to receive the Polyglass membrane underlayment, shall be smooth, clean, free from loose gravel, dirt and debris, dry and structurally sound.



200 SERIES SPECIFICATIONS

2-ply Polystick® XFR Fire Resistant Underlayment System New or Re-Roofing Application

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 D41 specification and allowed to dry prior to installing the Polyglass membrane underlayment.

INSTALLATION

Decks: Where required, prime in accordance with requirements and recommendations of the primer and priming materials manufacturer (if applicable). DensDecking must be field primed.

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

Directly over the acceptable substrate/insulation install one ply of Polyglass Polystick XFR, without wrinkles or fishmouths. Unless the substrate surface is flat, voids may occur which will be hard to seal and may not render a permanent, waterproof roof. It is the installer's responsibility to ensure that substrate conditions permit a wrinkle and void-free installation. Any voids occurring may have to be sealed with a heat gun or other suitable mastic.

Cut and unroll the Polystick XFR fire resistant 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's factory selvage edge. Overlap cut end laps minimum 6". Repeat the above procedure for all subsequent sheets. At seam overlaps, remove the protective seam

tape and apply even pressure to seam area. 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.

Directly over the Polystick XFR installation of base/inter-ply sheet, install one ply of Polystick XFR, without wrinkles or fishmouths. Unless the substrate surface is flat, voids may occur which will be hard to seal and may not render a permanent, waterproof roof. It is the installer's responsibility to ensure that substrate conditions permit a wrinkle and void-free installation. Any voids occurring may have to be sealed with a heat gun or other suitable mastic.

Cut and unroll the second ply of Polystick XFR 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's factory selvage edge. Overlap cut end laps minimum 6". Repeat the above procedure for all subsequent sheets. At seam overlaps, remove the protective seam tape and apply even pressure to seam area. 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.

When installing/applying Metal/Shingle/Tile Finished Roofing Systems by Others, please take the time to review Manufacturers Specifications and/or Local Building Codes.

IMPORTANT NOTE: This 2 ply underlayment system qualifies for a 30 YR Polystick Warranty.