Poly-Mastic P-21 System

1 Ply Karnak #3036 Poly-Mat
Karnak #78AF Cold Process Cement

SURFACE PREPARATION

All surfaces should be swept clean of dust, dirt, and any other foreign matter. Repair all blisters and breaks with Karnak #19AF Flashing Cement and Karnak #34 Asphalt Saturated Cotton Fabric or Karnak #31 Fiberglass Membrane. Remove and replace all insulation which is either water soaked, soft or spongy. Mechanically fasten insulation and a minimum 43 lb. coated base sheet per manufacturer’s recommendations.

APPLICATION

STEP 1: Starting at the low edge of the roof, coat the surface to which Karnak #3036 Poly-Mat is to be installed with Karnak #78AF Cold Process Cement at 2 gallons per 100 sq. ft., and then embed and brush in a 36" width of Karnak #3036 Poly-Mat.

STEP 2: Coat the entire surface of the 36" width of Karnak #3036 Poly-Mat and then 33" up the roof with Karnak #78AF Cold Process Cement at the rate of 2 gallons per 100 sq. feet. Embed and brush in a 36" width roll of Karnak #3036 Poly-Mat. Overlap plies 2 to 4 inches.

STEP 3: Apply Karnak #78AF Cold Process Cement over entire deck at the rate of 3 gallons per 100 sq. ft. All layers of Karnak #3036 Poly-Mat shall overlap the ends of the preceding sheet by 6". Reinforce all valleys with an extra layer of Karnak #3036 Poly-Mat and Karnak #78AF Cold Process Cement. Cut lengths of Karnak #3036 Poly-Mat every 20 to 25 feet to avoid wrinkles and allow for excessive movement.

OPTIONS

OPTION 1: Aluminum Top-Coat
Allow top coating a minimum of 90 to 120 days curing time before applying Karnak #97 or #97AF Fibered Aluminum at the rate of 1 to 1 1/2 gallons per 100 sq. ft..

OPTION 2: Aluminum Top-Coat (emulsion)
Allow top coating a minimum of 7 to 14 days curing time before applying Karnak #297AF Aqua-Lum Aluminum Emulsion Coating at the rate of 1 to 1 1/2 gallons per 100 sq. ft.
METHOD OF APPLICATION

Karnak #78AF Cold Process Cement may be applied by brush or spray equipment.

NOTE: Karnak emulsions may be used in Karnak's P-21 System in place of Karnak #78AF Cold Process Cement (see Karnak Renu-Top System).

COLD-PROCESS SYSTEMS AND COATINGS, EITHER EMULSION OR SOLVENT BASED, SHOULD ONLY BE INSTALLED ON DECKS WITH POSITIVE DRAINAGE.

PER NRCA, (NATIONAL ROOFING CONTRACTORS ASSOCIATION) "THE CRITERIA FOR JUDGING PROPER SLOPE FOR DRAINAGE IS THAT THERE BE NO EVIDENCE OF STANDING WATER ON THE DECK 48 HOURS AFTER IT STOPS RAINING."