

## 406 Tru-Grip (TPO & PVC Base Coat)

**DESCRIPTION:**

KARNAK 406 Tru-Grip is a 100% acrylic elastomeric co-polymer emulsion, specifically designed as a base coating for adhesion to weathered TPO, Hypalon, and PVC roofing membranes. When applied to a suitably cleaned, weathered TPO or PVC roof and top coated with a durable acrylic elastomeric topcoat such as 535 QS Enviro-Lastic, 505HS Mohave Coat, 501 Elasto-Brite or 529 Renu-White, the basecoat can extend the life of the existing roof membrane. The technology used in 406 Tru-Grip enables the coating to have very good adhesion and resistance to blistering when applied to weathered TPO and PVC.

**USES:**

Elastomeric Roof Coating Systems that use 406 Tru-Grip as the basecoat are ideal for use over aged TPO, Hypalon and PVC roofing membranes that have been weathered at least four years.

**SURFACE PREPARATION:**

Weathered TPO and PVC surfaces accumulate dirt over time and must be cleaned prior to coating with 406 Tru-Grip. It is particularly important to effectively clean ponded water areas where greater accumulations of dirt can occur. For optimal adhesion and water resistance, water alone is insufficient to clean weathered TPO and PVC membranes properly. Suitable liquid cleaners such as 507 SPC Primer/Wash and 799 Wash-N-Prep Roof Cleaner solutions with water can be spray applied over the entire surface followed by a thorough power washing. Power wash roof surfaces using a pressure of 2,500 to 3,500 psi with a wide fan tip. All residual cleaning agents must be removed, otherwise they will interfere in the adhesion of 406 Tru-Grip. When using liquid cleaning solutions, please refer to the specific product label and MSDS for safe handling information and proper use instructions.

**APPLICATION:**

Mix lightly prior to application of the coating. 406 Tru-Grip may be applied by brush, spray equipment or roller.

**BRUSH / ROLLER APPLICATION:**

Brush / roller application should be done applying the coating in the same direction. Apply the finish coat perpendicular to the base coat.

**SPRAY APPLICATION:**

Utilize a standard paint spray pump or airless spray pump. Equipment manufacturer should be consulted for more complete information. Spray application should be done with a 50% over-spray pattern.

# 406 Tru-Grip (TPO & PVC Base Coat)

**COVERAGE RATE:**

Apply 406 Tru-Grip over the surface at the rate of 1.5 gallons per 100 sq. ft. Allow 406 Tru-Grip to dry 8-24 hours before applying selected finish coating. The total dry mil thickness of 406 Tru-Grip and finish coating should be 20 to 24 mils. Coverage will vary depending on the surface to be coated.

**PHYSICAL PROPERTIES:**

Weight Per Gallon:	11.3 lbs.	
Viscosity:	34,100 cps	ASTM D2196 Method A
Solids by Weight:	68%	
Solids by Volume:	53%	
Color:	Light Green	
Hardness Shore A:	65	
Elongation:	263%	ASTM D2370
Tensile Strength:	247 PSI	ASTM D2370
Tear Resistance:	79 lbf/in	ASTM D624

**CAUTION:**

Do not apply when rain is imminent. Coating must be dried before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Keep out of reach of children. Avoid prolonged contact with skin. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying.

COLD-PROCESS SYSTEMS AND COATING, 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."

**PACKAGING:**

Available in 5 gallon pails and 55 gallon drums.

**If further information is needed, contact KARNAK Technical Services at 1-800-526-4236.**

**KARNAK**

330 CENTRAL AVENUE, CLARK, NJ 07066  
732-388-0300 • 800-526-4236 • FAX: 732-388-9422  
WEB: <http://www.karnakcorp.com>