



KYN-PRIME™ 90

KYN-PRIME™ 90 is a high performance, single component, acrylic, cross-linking chemistry product for enhanced adhesion to KYNAR® 500, DURANAR®, and all types of fluoro-polymer coated, steel roof types. **KYN-PRIME 90** is designed as a bonding adhesive/primer for use on new and aged Kynar®, as well as bare metals, powder coat, siliconized polyester and other difficult to bond surfaces for proper adhesion of **THERMO-SEAL®** and **ECO-THERM®**. Resistant to flash rust and provides early water resistance.

Technical Data:

Colors	Gray
Vehicle Base	Acrylic Polymer
Weight per Gallon	8.4-9.0 lbs
Viscosity	2000cps
Solids by Weight	38%
Solids by Volume	31%
VOC	21 g/l
pH	8.5-9.5
Flashpoint	212°F
Recommend film thickness	wet: 3-4 mils/ dry: 1 mil
Dry Time to touch/recoat	15-30 minutes/6 hours
Coverage	400-450 sq ft per gallon*
Nominal application rate	1/4 gal/100 sq ft*
Temperature for application	55°-85°F.
Clean up	water
Shelf Life (unopened/cool)	1 year

*Coverage rates shown are intended as ideal application range contingent and dependent upon the actual surface conditions, surface and ambient temperatures. Must be applied at 55°F or above.

Packaging:

5 gallon pails (18.9 liters)

55 gallon drums (208.2 liters)

APPLICATION GUIDE:

KYN-PRIME 90 is best applied by airless sprayer, but may also be applied by roller and/or brush. When spraying, do not use paint tips with an atomizer (internal) bar since these will cause the product to lay down unevenly and aerate the product, causing pinholes and voids in the cured primer coating. Tip size depends on speed and type of substrate being sprayed. Tip sizes 5-13, 5-15, or 6-13, 6-15 are recommended to supply good coverage when competently applied and to help prevent sagging from too much material being applied. Any rollers should be high quality with medium nap (1/2”).

Apply **KYN-PRIME 90** onto surface that has been power-washed, and if oxidized and chalked, mechanically scrubbed, or power-washed twice to remove all powder, dust and dirt that could prevent proper adhesion. TPO surfaces must be etched prior to final power-washing. Surfaces must be dry. **KYN-PRIME 90** should not be applied if temperatures or surfaces are below 55° F. (10 C.) or higher than 85° F. or higher.

Do Not Allow to Freeze.

During application: Sprayer tip should not be more than 12" from the surface to be coated. Excessive distance from the surface can allow the product to catch air and begin to cure before it is on the surface and cause irregularities and therefore cause premature failure. The spray gun should ideally remain 90 degrees relative to the surface through the entire arc of the spray, overlapping each pass by 33% and 4" on the end laps. When working on TPO type roof, evenness of coating application is important as excessive millage or puddling may cause wrinkling of TPO membrane, whether being sprayed or rolled. Apply either **ECO-THERM Elastomeric** or **THERMO-SEAL** topcoats per specification as soon as the primer is fully dry per this specification because uncoated primer will pick up dust. Must be top-coated within 72 hours, or primed surface will need to be washed off and allowed to dry due to dust on roof interfering with topcoat bonding.

Do not fan spray because primer may set up and flash dry too quickly and be over-coated.

Do not apply when rain is forecast within 24 hours.

Do not apply when temperature is expected to drop below 35° F. within 48 hours.

Be sure to read product SDS for additional safety precautions for this product.

Warranty Disclaimer: Liability is limited strictly to replacement of product. Our data is based on information from confidential laboratory tests that are believed to be accurate. All of our recommendations are made without warranty. Neither manufacturer nor seller shall be liable for any injury, loss or damage, direct or consequential, arising from use or inability to use this product. Before using, applicator shall determine the suitability of the product for his/her intended use. No liability or responsibility for product relative to coverage, performance, injury, loss, or damage is assumed. Written warranty is offered only to commercial/multi-family communities/ HOAs and only by Approved Applicators as part of **THERMO-SEAL®** or **ECO-THERM®** maintenance coating system application by prior arrangement and project use approval from **THE ULTIMATE COATINGS COMPANY LLC.**

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