

Coat'N'Cool[®]HMS

High-Tech Coatings for High-Temp Conditions
HEAT MANAGEMENT SYSTEM FOR SURFACES EXPOSED TO DIRECT SUNLIGHT

PRODUCT APPLICATION GUIDE

XP3 White Bond

Description:

Coat 'N' Cool[®] XP3 White Bond is an advanced water based, acrylic elastomeric with non-asbestos fibers compound that will provide a seamless, durable and flexible membrane for flashing, patching and sealing. **XP3 White Bond** will not crack, peel or become brittle when applied to recommended surfaces. When cured, **XP3 White Bond** forms a strong, elastic membrane creating a non-penetrable seal. **XP3 White Bond** can be reinforced with a polyester fabric when making repairs on seams, splits or flashings that may be subject to excessive movement. For best results **XP3 White Bond** should be coated with **Coat 'N' Cool[®] 5407 Basecoat White** or **Coat 'N' Cool[®] 1680 Elastomeric White Coating**.

Advantages:

- Bridges hairline cracks
- Adheres to virtually any surface
- Flexible up to 300% elongation
- A thick, tough, elastic roof patch
- Provides a flexible, durable, waterproof seal

Uses:

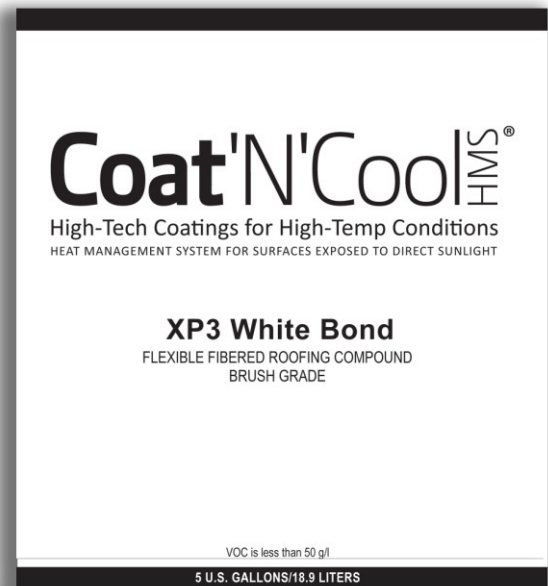
- Repair compound for cold process or built-up roof systems
- Surface flashing compound for new cold process or built-up roofing
- Repair and seal air conditioning ducts
- Seal seams around skylights or other roof extrusions
- Seal seams, flashing and screws on metal roofs
- Repair sheet metal gutters, metal coping and wall caps
- Repair cracks in parapet walls, masonry or stucco

Finish:

Smooth angular sheen

Color:

White



Important Application Precautions:

- Apply on a clear, sunny day when temperatures are between 50° and 100°F.
- Do not apply when temperature is expected to drop below 50°F within 24 hours.
- Do not apply if rain is forecast within 24 hours of application.
- **Mildew:** DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew.
- If you have an older roof in poor condition, lost roofing or shingles, tears and severe splits, you may need a new roof. A neglected roof may not offer the firm sub surface necessary to provide proper adhesion of a membrane type coating. If in doubt, consult a qualified roofer. Roof surface must have proper drainage, installation and slope to provide positive drainage.

Preparation:

Surface can be slightly damp but recommended to be dry and must be free of dirt, dust, oil, wax, rust chalky

or loose paint or any other surface contaminant that may inhibit adhesion.

Application:

Three Course Method: Using a brush or trowel, apply **XP3 White Bond** to a properly prepared surface at a rate of 4 gallons per 100 square feet (25 sq. ft. per gallon). While first coat is still wet embed **CC275 Poly Fabric** and brush to remove any air pockets or wrinkles. Once **CC275 Poly Fabric** is embedded, apply second coat at a rate of 4 gallons per 100 square feet (25 sq. ft. per gallon) This system will yield a thickness of approximately 1/8 inch dry.

Application without CC275 Poly Fabric: Using a brush or trowel, apply **XP3 White Bond** to a properly prepared surface at a thickness of 1/8" to desired area.

Application for small cracks (1/64" to 1/32"):
Fill the crack using a putty knife or trowel. Apply **XP3 White Bond** liberally over the center of the crack at a wet film thickness of 1/16" then feather the material to both sides of the crack down to zero over a 2" area.

Application for large cracks (exceeding 1/32"):

1. Fill the joint allowing a little extra **XP3 White Bond** to remain. This will compensate for any shrinkage that might occur.
2. Bridge the joint by reinforcing with **CC275 Poly Fabric** laid into the **XP3 White Bond** while still wet. Apply an additional coat of **XP3 White Bond** over **CC275 Poly Fabric** and feather out the material.
3. Allow to cure a minimum of 6-8 hours

4. Apply a feather cap of **XP3 White Bond** at a wet film thickness of 1/16" placed over the center of the filled joint and feathered down to zero over a 2" area.

Cure Time:

Dry to touch in 8 hours. Recoat in 12 hours. Cured and ready for coating in 48 hours.

Coverage:

1 gallon per 25 square feet at 1/16" thick.

Mil Thickness:

Wet 62 mils; Dry 26 mils at 25 square feet per gallon.

Limitations:

XP3 White Bond is not recommended for medium to heavy traffic areas. Not for use on EPDM or rubberized roofs.

Thinning:

Do not dilute or thin product.

Clean-up:

Clean up tools, equipment and hands with warm soapy water.

Handling and Storage:

Store **XP3 White Bond** in a dry protected area and in original packaging. Do not allow **XP3 White Bond** to freeze in container. Read and follow directions carefully. Refer to MSDS for Proper handling.

Technical Information

Type: Elastomeric Acrylic Terpolymer	Viscosity: 140 KREBS units at 77°F
Diluent: Water	Flash Point: >250°F
Solids: 55% by weight 67% by volume	Tensile Elongation at Break: ASTM D2370
	Maximum V.O.C.: 100 grams per liter

The maximum V.O.C. of this product does not exceed 50 grams/liter. WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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