

ROOFDX COPPER™

Liquid Copper Coating



Performance
Coatings & Sealants
Systems

DESCRIPTION

ROOFDX COPPER is an extremely tough, metallic, rubber-like, waterproofing coating that, being made with copper flakes, has a very attractive copper finish that will actually patina. This remarkable "liquid copper" coating can be used over all common roofing substrates and will give the appearance of copper sheet roofing at a fraction of the cost. Just like copper sheet, ROOFDX COPPER will develop a classic green patina, or may be sealed with CLEARCOAT 44 to maintain its new appearance.

OUTSTANDING FEATURES

- Can be used over BUR, rubber, copper, aluminum, tin, concrete, wood, masonry and others
- Produces a fully adhered, seamless, high density, waterproofing membrane
- Prevents water soluble ionic transfer that causes corrosion
- Accommodates rapid movement caused by sudden temperature changes
- Totally watertight and unaffected by ponding water
- May be applied to vertical, pitched and horizontal surfaces

APPLICATION

All surfaces to be treated must be clean, dry and free of loose debris

that may interfere with proper bond. Surfaces that have previously been coated should be examined carefully and tested for adhesion to the substrate. This can be accomplished by applying a strip of scotch tape to the coated surface, thoroughly pushed into full contact, then pulled away at a 90° angle. Observe the adhesive surface for any dislodged coating particles. If the tape has pulled away a significant quantity of coating, or if it has loosened the coating from the substrate, the coating should be removed. Loose coating should be thoroughly removed by abrasion, pressure washing or other available technique. Some coatings that are firmly bonded but have reticulated (mud cracked) and the edges lifted will need abrading to present a uniform, smooth surface for coating. Some very inert

surfaces, such as epoxy, will require abrading and/or a special primer coat. ROOFDX COPPER is applied straight out of the can after 2 minutes of low speed mechanical stirring.

Apply the product using brush, roller or airless spray technique. The product should be applied in 2 coats at an overall rate of 50 square feet per gallon, achieving a wet film thickness of 30 mils or 15 mils per coat. Clean tools and equipment with xylene or toluene before ROOFDX COPPER begins to dry.

LIMITATIONS

Do not apply to frozen or saturated surfaces. Cold temperatures will slow down the drying time. Do not apply if precipitation is forecast within 4 hours after application.

SPECIFICATIONS	
Coating	Ethylene Elastomer
VOC	300 gms/liter
Pot Life	Not applicable (single component)
Shelf Life	2 years (unopened) from date of manufacture
Recommended Thickness	20 mils Dry Film Thickness (DFT)
Coverage	33 to 50 SF per gallon; 2 to 3 gallons per 100 SF (total for 2 coats)
Packaging	5 U.S. gallon pails; also available in 1 gallon pails and 55 gallon drums
Color	Copper

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PRECAUTIONS

Read the container label warning and Safety Data Sheet (SDS) for important health and safety information prior to the use of this product.

Keep out of reach of children and pets.

For more information, call our Technical Department.

TECHNICAL DATA		
Moisture Vapor Transmission	0.12 gms/M2/24 hours (0.01 perms)	ASTM E-96
Tensile Strength	700 psi	ASTM D-412
Elongation at Break	300%	ASTM D-412
Flexibility at Low Temperature	180 deg. bend @ 20°F	ASTM C-711
Flashpoint	105°F	FTMS 141A(M4293)
Shore 'A' Hardness	65	ASTM D-2240
Solids Content	60% (B.W.); 55% (B.V.)	ASTM D-1044
Viscosity Average @ 70°F	4,500 cps	ASTM D-446
Impact Resistance 4mm Indent.	No cracking or loss of adhesion	ASTM D-1474
VOC Content	300 grams/liter	ASTM D-1044

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