



Metal Coat 901

1. PRODUCT DESCRIPTION

Ceratech's Metal Coat 901 is an emulsion of high grade acrylic resins in water. It dries by evaporation to yield a tough, velvety, non-yellowing, water repellent surface with exceptional abrasion resistance and ultra-violet light stability. Metal Coat 901 when applied directly to rust, will immediately convert iron oxide to iron sulfate upon contact, preventing further rusting problems.

Unlike other coatings, it contains the added advantage of ceramic particles. These particles are the heat and cold dissipating elements in Metal Coat 901 that give it the ability to save on heating and cooling costs. It is applied to yield a tough, watertight, roof membrane.

Metal Coat 901 will take all universal tints. Ask your local distributor for more information.

2. OUTSTANDING FEATURES

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|-------------------------|----------------------------|
| Non-toxic | Elastomeric |
| Water Borne | Converts Rust |
| Energy Savings | Abrasion Resistant |
| Ten (10) year Warraanty | Labor, Time, & Cost Saving |
| Mildew Resistant | Clean up with soap & water |

3. APPLICATION

Surfaces should be clean, dry and sound. Existing surface dirt, oil, tar, grease and film should be removed from surface by approved methods prior to application of Metal Coat 901.

Metal Coat 901 can be applied by brush, roller or airless spray equipment. It should be applied evenly without buildup. Multiple coats are recommended. See Application Specifications in the distributor manual for your particular application.

4. CAUTIONS AND WARNINGS

Do not take internally. Avoid contact with eyes. If solution does come in contact with eyes, flush immediately with water and contact physician for medical attention. Avoid prolonged contact with skin or breathing of spray mist. **KEEP OUT OF THE REACH OF CHILDREN. KEEP FROM FREEZING.**

5. TYPICAL PERFORMANCE PROPERTIES

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|--|------------------------|
| Elongation | |
| 236% at 77°F | ASTM D-412 |
| 211% at 32°F | |
| Tensile Strength | |
| 406 P.S.I. at 77°F | ASTM D-412 |
| 339 P.S.I. at 32°F | |
| Abrasion Resistance | |
| No Wear after 450 liters of falling sand | ASTM D-968 |
| Wind Driven Rain Resistance | |
| No moisture penetration after 24 hours | Federal Spec. TT-C-555 |
| Visual Color | |
| 9 | ASTM D1729 |
| Chalking | |
| 10 | ASTM D4214 |
| Checking | |
| 10 | ASTM D660 |
| Cracking | |
| 10 | ASTM D661 |
| Blistering | |
| 10 | ASTM D714 |
| Flaking | |
| 10 | ASTM D772 |
| Accelerated Weathering | |
| 2000 Hrs Pass | ASTM D4587 |
| Mildew Resistance | |
| 10-No Growth | ASTM D-3273-73T |
| Corrosion Resistance | |
| 10-No Rust | ASTM D610/800HRS. |
| Total Emittance | |
| 94% | ASTME408-71 |
| Spectral Reflectance | |
| 82.2% | ASTME903 |

Coverage Rate-100 sq ft. = 8.6D.F.T./16 W.F.T
Suggested Thickness for roof system = 19 DFT = 2 Coat application North/South - East/ West, each pass should be a minimum thickness of 17.5 W.F.T. for waterproofing and warranty