



PRODUCT NAME:

WiserShield™ 61 Mine Coat

DESCRIPTION

WiserShield™61 is a waterborne modified elastomeric coating formulated both as a single part emulsion or a two-component fast setting product. When fully solidified, the coating provides a high-quality membrane delivering protection against water and chemical intrusion.

Mine Coat is designed with enhanced chemical, impact, abrasion and puncture resistance for demanding industrial and resource applications. It may be used to protect infrastructure fabrications and associated equipment due to its excellent corrosion resistant properties.

BASIC USES

- Metal and Concrete Structure Protection
- Tank Linings
- Industrial and Resource Equipment

MAJOR ADVANTAGES OF CRC-Mine Coat

- Excellent corrosion resistance
- Safe alternative to hot-applied bitumen or solvent-based products
- Excellent waterproofing
- High chemical resistance (see resistance chart)
- Ease of application
- Dual-set option for wide variety of application methods
- Flexible and seamless
- Resistant to cracking and aging
- Self-Healing
- Impact, Abrasion and Puncture Resistant
- Salt Resistant
- Non-Conductive, Static Build-Up Resistant
- Can be applied to most substrates including concrete, wood, foams, and metal

TECHNICAL AND PRODUCT DATA

Percent Non-Volatile	62.0
pH	10 – 12
Specific Gravity	1.06
Odour	Slight Aromatic
Viscosity	22 – 24sec Zahn #2
Volatile Organic Compounds	1 g/L
Colour	Brown to Black

SPECIFICATIONS

- **ASTM D903 - 98** *Standard Test for Peel or Stripping Strength of Adhesive Bonds;*
- **ASTM D1560 - 15** *Standard Test Methods for Resistance to Deformation and Cohesion of Asphalt Mixtures by Means of Hveem Apparatus;*
- **ASTM E154 / E154M - 08a(2013)e1** *Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover;*
- **ASTM D412 - 16** *Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension,*

- **ASTM C1306 / C1306M - 08(2016)e1** Standard Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane;
- **ASTM D570 - 98(2010)e1** Standard Test Method for Water Absorption of Plastics;
- **ASTM E96 / E96M - 16** Standard Test Methods for Water Vapor Transmission of Materials;
- **ASTM G90 - 17** Standard Practice for Performing Accelerated Outdoor Weathering of Materials Using Concentrated Natural Sunlight;
- **ASTM D1434 - 82(2015)e1** Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting;
- **ASTM C1305 / C1305M - 16** Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane;
- **ASTM D543 - 14** Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents;
- **ASTM D5635 / D5635M - 11** Standard Test Method for Dynamic Puncture Resistance of Roofing Membrane Specimens;
- **ASTM D1474 / D1474M - 13** Standard Test Methods for Indentation Hardness of Organic Coatings;
- **ASTM E119 - 18** Standard Test Methods for Fire Tests of Building Construction and Materials;
- **ASTM G21 - 15** Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi;
- **ASTM G155 - 13** Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials;
- **ASTM D746 - 14** Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact;
- **ASTM B117 - 16** Standard Practice for operating Salt Spray (Fog) Apparatus;
- **USEPA – TCLP** Toxicity Characteristic Leaching Procedure;
- **BS EN 12457:2002** Characterization of Waste. Leaching

PRECAUTIONS

This is an Industrial Product. Not for use by Untrained Personnel

APPLICATION INSTRUCTIONS

- This product is mildly alkaline. Before applying, read associated Safety Data Sheet and follow guidance on proper personal protective equipment and material handling
- Do not store or use this material below 5°C
- Do not store in direct sunlight or at very high temperatures
- Mix Material well before using

Refer to Application Data sheet for Additional Precautions and Safe Handling Procedures.

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