



PRODUCT NAME:
WiserShield™ 61 Below Grade

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 superior protection against water and chemical intrusion.

Below Grade is a non-UV stabilized product for waterproofing applications in unexposed or interior uses

BASIC USES

- Poured Concrete Below Grade
 - Built Up Roofing* and Rooftop Gardens
 - Concrete Slabs Membrane
 - Parking Decks
 - Unexposed Tank and Pond Lining
 - Insulated Concrete Form Waterproofing Below Grade
 - Corrosion Protection
- *with approved overcoating

MAJOR ADVANTAGES OF WiserShield™61 Below Grade

- 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, foam and metal

TECHNICAL AND PRODUCT DATA

Percent Non-Volatile	62.2
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** *Character*

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 where exposed to 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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