



PRODUCT NAME:
WiserShield™ 61 CCMC

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.

CCMC is a specially formulated WiserShield 61™ variant providing enhanced low temperature flexibility and abrasion resistance. It has been certified by the Canadian Construction Material Center as a waterproofing for concrete block construction.

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
- Exterior Surfaces

*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..... 65.7
pH..... 10 – 12
Specific Gravity..... 1.03
Odour Slight Aromatic
Viscosity 22 – 24sec Zahn #2
Volatile Organic Compounds 0 g/L
Colour..... Brown to Black

SPECIFICATIONS

- CCMC 13689-R Approval for Concrete Block;
- 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 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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CRC Coating Technologies Inc.™ 6254 Skyway RD, PO Box 915 Smithville, ON L0R 2A0	TEL: 289-448-0157 888-292-5565 FAX: 905-527-0606	Email: info@crccoatings.com www.crccoatings.com	CRC Coating Technologies Inc.™ 3909 Witmer RD, Suite 1014 Niagara Fall, NY 14305
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