

RR&C Fibered Dampproofing

SELECTION & SPECIFICATION DATA

Type	Fibered Asphalt Emulsion
Description	A sprayable fibrated blend of selected mineral fillers and emulsified asphalts that provides excellent protection against moisture vapor intrusion in porous substrates such as cement. Suitable for use on green concrete. Also available as RR&C Dampproofing Fibered Trowel Grade and RR&C Dampproofing Non-Fibered Spray Grade.
Features	<ul style="list-style-type: none"> • Water-based with low VOC's • No settling or separation in storage • Environmentally friendly • Worker friendly • Meets ASTM D1227 Type 2, Class 1
Uses	<ul style="list-style-type: none"> • Moisture barrier • Damp-proofing • Dew point corrosion protection under refractory • Adhesive for polystyrene insulation
Color	Black
Finish	Matte
Primer	Self-priming
Dry Film Thickness (DFT)	20 – 30 mils per coat
Solids Content	50% by weight, ASTM D5201-05a 48% by volume, ASTM D5201-05a
VOC	0.2 lbs/gal maximum, ASTM D3960-05
Maximum Dry Temperature Resistance	300°F (149°C) continuous Refractory face temperature may be higher such that membrane face temperature remains under above limit.
Limitations	Protect from freezing before application. Not for immersion service as a stand-alone lining. Not suitable for oil, grease, or solvent exposure.

SUBSTRATES & SURFACE PREPARATION

All	Substrate must be clean, dry and free of contaminants.
Steel	SSPC-SP 6/NACE 3 Commercial Blast with angular profile of 1.5 – 3.0 mils, SSPC-SP 2 Hand Tool or SSPC-SP 3 Power Tool Cleaning are suitable for mild environments.

Concrete or Concrete Masonry Unit (CMU)

Concrete must be cured 14 days at 75°F (24°C) and 50% relative humidity or equivalent. Prepare surfaces in accordance with SSPC-SP 13/NACE 6. Required surface profile is CSP 3-5. Voids in concrete surfaces may require filling. Mortar joints should be cured a minimum of 15 days.

Consult with your Sherwin-Williams representative for advice applying to minimum 7-day old green concrete.

Previously Painted Surfaces

Consult with your Sherwin-Williams representative.

MIXING & THINNING

Ratio	Single component
Mixing	Not required
Thinning	Not required. Agitate to thin. Do not add water.
Cleanup	Tools and hands should be cleaned with soap and water before the emulsion sets. Dried material can be cleaned with mineral spirits. Spray equipment should be flushed with soapy water then fresh water for short periods of non-use. For longer periods of non-use, a final flush using mineral spirits is recommended.

APPLICATION GUIDANCE

Spray Application	RR&C Fibered Dampproofing is designed for spray application using airless equipment.
Airless Spray	Pump Ratio: 30:1 or higher Tip Size: 0.029-inch orifice Hose L/D: 200 ft (max) x 3/8-inch diameter Whip L/D: 6 ft (max) x 1/4-inch diameter Pump Packings: PTFE/UHMWP
Film Thickness	Sag-resistant to 60 mils wet on vertical surfaces.
Brush/Roller	Can be brush or roller applied.
Temperature	Use in temperatures of 50°F (10°C) or higher for best performance.

CURE SCHEDULE & RECOAT WINDOW

Dry-To-Touch	2 – 4 hours at 77°F (25°C). Dry times are decreased with air movement over the coating.
Full Cure	24 – 48 hours at 77°F (25°C). Cure times are decreased with air movement over the coating.
Recoat Window	Minimum 24 – 48 hours at 77°F (25°C). Cure times are decreased with air movement over the coating. No maximum recoat time over clean basecoat.

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PACKAGING, ESTIMATING & HANDLING

ITEM#	PACKAGING
DPFSG-005-SW	Pail - 5 gallons
DPFSG-053-SW	Drum - 53 gallons
Theoretical Coverage	770 square feet per gallon at 1 mil DFT 25.7 square feet per gallon at 30 mils DFT
Storage & Shelf Life	Estimated shelf life is 6 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 50°F (10°C) or above 110°F (43°C). Protect from freezing. Do not store product outside. Store indoors.

SAFETY

Safety Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.

Ventilation Use in well ventilated areas.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE
Density, ASTM D1475-13	8.6 lbs/gal
Specific Gravity	1.03
Viscosity, 77°F (25°C) plastic cone pen, ASTM D2983-19	370 dmm

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