

PRODUCT DATA SHEET

SUPERPRO Coatings - Dampproof Coating

SUPERPRO Dampproofing is a minutely modified asphalt emulsion specifically formulated as a spray applied protective foundation coating. **SUPERPRO** Dampproofing is a dual component system that is applied using a specially designed spray applicator. The technology advances in **SUPERPRO** Dampproofing is a quick set membrane that is solvent-free and has excellent strength, and adhesion.

SUPERPRO Dampproofing is an environmentally friendly waterproofing product which can be applied indoors and outdoors.

* Free of flammable solvents * Non-toxic * Odourless and Water based

PHYSICAL PROPERTIES

Property	Typical results
Specific gravity (liquid) kg/m ³	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to black
% solids (wt)	57-62
Viscosity, SSF @ 25°C, seconds	15-20
pH	7-9

Results of Testing:			
Property	Test Method	Result	CGSB 37.1-M89 Specification
3.0 General Requirement			
3.1 Consistency	37.1-M89	Pass	Smooth, Uniform
3.2 Application	37.1-M89	Pass	Suitable for brush or Spray
3.3 Consistency	37-GP-3M	Pass	Capable of app. Rate of $\geq 0.5L/m^2$
3.4 Storage Stability at 4-29 °C	37.1-M89	Pass	6 mos. Min. Without change or separation to prevent from being restored by simple stirring
4. Detail Requirements			
4.1.1 Water content, % by mass	D 244	37.1	35-45
4.1.2 Viscosity at 25 °C, SFS	D 244	37	20-55
4.1.3 Sieve Test retained on #20 mesh, % by mass	D 244	0.01	0.1 max
4.1.4 Asphalt content, % by mass (by difference)	D 244	62.9	55-65
4.2 After Distillation to 260, residue properties			
D 244			
4.2.1 Softening Point, °C	D 36	42	38-49
4.2.2 Penetration at 25 °C dmm	D 5	175	150-210
4.2.3 Ductility at 25 °C, cm	D113	>140	100 min
4.2.4 Specific Gravity	D70	1.026	1.0 min
4.2.5 Solubility in trichloroethylene, % by mass	D 2042	99.2	98 min
4.2.6 Ash, % by mass	D 2939	0.6	2 max
4.3 Partical Charge (Qualitative)	D 244	Pass	Deposit on Anode
4.4 Stability of Emulsion			
4.4.1 Modified Miscidility with water, %	D 244	0.7	Difference between top and bottom 4.5 max
4.4.2 Demulsibility, 50 ml of 0.1 N CaCl ₂ , %	D 244	0.8	40 max
4.4.3 Settlement 5 days	D 244	1.4	5 max
4.5 Film Characteristics			
4.5.1 Resistance to water	D 466	Pass	No loss of adhesion, no remulsification after immersion in water
4.5.2 Flexibility at °0 C	37.1-M89/6.2.1	Pass	No cracking, flaking or loss of adhesion

USES

SUPERPRO Waterproof Coating a waterproofing membrane for concrete foundation structures, basements, retaining walls, planters, and other surfaces.

APPLICATION

SUPERPRO Dampproof Coating is applied as a dual component system using a specially designed spray system. Both components of the system are water based and environmentally friendly. **SUPERPRO** Dampproof Coating sets almost instantly, forming a seamless membrane. It is a safe alternative to conventional hot-applied of solvent based dampproofing systems. For best results **SUPERPRO** Dampproof Coating should be applied to a dry surface which is free of dirt, debris, oil or grease.

SUPERPRO Dampproof Coating is applied between 60-80 sq ft per gallon to produce a 20 mil protective membrane. Typically **SUPERPRO** Dampproof Coating dries to the touch one minute and is completely cured in 48 hrs. This curing time may vary depending on temperature and relative humidity. Protection board or Dimpled membrane may be applied to the membrane surface after an initial set time of 20 minutes.

LIMITATIONS

SUPERPRO Dampproof Coating is mildly alkaline. When applying, observe normal safety precautions, wear gloves, eye protection and other suitable protective equipment. For further information please consult the product MSDS

CAUTION

For industrial use only. Keep out of the reach of children. Avoid storage below 5°C. Please consult the Material Safety data Sheet before using **SUPERPRO** Dampproof Coating.

TECHNICAL SERVICE

Call Toll Free: 1-800-571-1877

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS REGULATIONS.

SUPERPRO Dampproof Coating. is manufactured exclusively by **SUPERSEAL** Construction Products Ltd. PO Box 61646, Langley, BC, V3A 8C8 Canada

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