

SUPERPRO WATERPROOFING

PRODUCT DATA SHEET

60 mil

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

SUPERPRO Waterproofing 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
Color	Brown to black
% solids (wt)	57-62
Viscosity, SSF @ 25°C, seconds	15-20
pH	7-9

TEST RESULTS FOR PHYSICAL PROPERTIES

PROPERTY	UNIT	REQUIREMENT	RESULT
Dry film thickness	mm	± 10% of manufacturer's specified value	1.5
Hardness	-	Report value	80
Water vapour permeance	Ng/Pa.s.m ²	Report value (perms)	4.46-01
Sag flow	mm	minimal sagging	0 ⁽¹⁾
Pinholing	-	≤ 1 pinhole	No pinholing
Tensile strength	MPa	Report value	0.7
Elastic recovery	%	Report value	91

TEST RESULTS FOR PHYSICAL PROPERTIES

PROPERTY	UNIT	REQUIREMENT	RESULT
Water tightness after exposure: <ul style="list-style-type: none"> • heat aging • chemical aging • UV exposure 	-	No leakage	No leakage
Crack bridging resistance after exposure: <ul style="list-style-type: none"> • water immersion • heat aging • UV exposure 	-	No visible cracking, blistering, peeling or other visible defects	No defects
Peel adhesion ⁽¹⁾ – initial	N/m	≥ 175	1198
Peel adhesion ⁽¹⁾ after: <ul style="list-style-type: none"> • water immersion • heat aging • UV exposure 	N/m	≥ 90% of original	1316 (103.4%)

Tensile strength after: <ul style="list-style-type: none"> • heat aging • chemical aging • UV exposure 	MPa	≥ 90% of original	0.7 (100%)
Elastic recovery after: <ul style="list-style-type: none"> • heat aging • chemical aging • UV exposure 	%	≥ 90% of original	73 (100%)
Low temperature flexibility	-	No cracking	No cracking

Additional Performance Data

Time after Spray of Membrane (days)	Peel Adhesion to Concrete (N/M) (lb/in.)
4	1 476 (8.43lb/in.)
7	2 415 (13.79 lb/in.)
28	2 569 (14.1 lb/in.)

The product may be used for waterproofing unit masonry or monolithic concrete foundation walls, subject to the following conditions and limitations:

- Unit masonry or poured-in-place concrete walls must meet the surface preparation requirements of Article 9.13.3.4, Preparation of Surface, of Division B of the NBC 2010.
- The poured-in-place concrete must be cured prior to the application of the product.
- The wall and footing surface must be dried prior to the application of the products.
- The product must be applied in accordance with the manufacturers directions by qualified and approved installers.
- Prior to backfilling and when backfill material consists of angular stones or sharp objects, the membrane must be covered with a protection board meeting the manufacturers' recommendations. The use of mechanically attached board systems may affect the waterproofing performance of the product. Users must consult with the manufacture for recommendations regarding the use of protection boards and their installation.
- The foundation wall must be backfilled in accordance with the requirements of Subsection 9.12.3., Backfill, of Division B of the NBC 2010
- Evaluation Report available (CCMC 13452-R) (ICC ESR3106)

Manufactured by:

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