

Technical Data Sheet

SprayGrade

WATERPROOFING AND PROTECTION

SprayGrade can be applied as a waterproof and UV-resistant membrane for roof protection, concrete basements, decks, foundations, and various wood structures.

SprayGrade functions as a protective coating against the penetration of water, salt, or other chemicals. In this way, **SprayGrade** can serve as rust protection for various iron-containing materials. **SprayGrade** can also be applied to concrete, sheets/panels, and parking decks.

APPLICATION

SprayGrade is applied using a 2-component spray system specially developed for Liquid Rubber products. Both components consist of environmentally friendly water-based products. The product cures immediately, forming a seamless and permanently flexible membrane.

SprayGrade is an environmentally friendly water-based product, free of volatile organic compounds (VOCs), and is processed cold using a specifically designed spray system. **SprayGrade** is a safe alternative to conventional hot-applied products or solvent-based products. For the best result, **SprayGrade** should be applied to a dry surface free of dust, dirt, grease, and oil. The product cures immediately but is not recommended for use during heavy rainfall.

SprayGrade is applied with a coverage of 2.7 kg/m², depending on the required membrane thickness. Typically, **SprayGrade** is touch-dry one minute after application at 20°C, and the product fully adheres to the substrate within 48 hours. This adhesion and drying time depend on temperature and humidity. An applicator can easily spray 600 m² or more in a day. Additional protection or insulation can be applied to the membrane on average 20 minutes after application.

LIMITATIONS

SprayGrade is mildly alkaline. Adhere to standard safety precautions during application; wear gloves, eye protection, and other appropriate protective equipment. Consult the safety data sheet for more information. **SprayGrade** should not be applied when the ambient temperature is below 5°C. The uncured membrane can be damaged if it freezes and should not be applied to wet or frozen surfaces or just before it is about to rain.



CAUTION

For professional use only. Keep out of reach of children and animals. Avoid storage below 5°C. Refer to the safety data sheet for the use of **SprayGrade**.

TECHNICAL SERVICE

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FYSISCH EIGENSCHAPPEN (vloeistof)

Eigenschap

Kleur
Specifieke zwaartekracht (vloeistof), g/cm³
Geur
Vluchtige Organische Stof VOC
Vaste stofgehalte
Viscositeit, Brookfield (cps)
pH

Typische resultaten

Bruin tot zwart
CA. 1.0
Geen
Bevat geen oplosmiddelen
53 – 58%
1 - 100
10 – 12

DEKKING

Uitgehard membraan

mm	KG per m ²
1	1,35
2	2,70

Afdichting

luchtdicht
waterdicht

PRESTATIES (uitgehard membraan)

Eigenschap

Kleur
Specifieke zwaartekracht (vloeistof), g/cm³
Waterabsorptie coëfficiënt NEN-EN-ISO 15148:2002
Waterdamp transmissie NEN-EN-ISO 7783:2011
Scheuroverbrugging ASTM C1305
Hechting op kalkzandsteen
Hechting op PVC
Hechting op zink
Hechting op aluminium
Hechting op beton
Hechting op hout
Treksterkte ASTM D638
Uitrekking % ASTM D638
Herstellend vermogen %
Zoutbestendigheid ASTM B117-09
Luchtdoorlatendheid ASTM E2178

Typische resultaten

Zwart
CA. 1.0
0.00011kg/m².sec0.5
0.59 g/m²*24h
Geslaagd
2,1 n/mm²
1,4 n/mm²
1,9 n/mm²
2,7 n/mm²
3,7 n/mm²
2,9 n/mm²
Geslaagd (>90% originele waarde)
850%
>90%
Geslaagd >1200h
0.0004 L/(s.m²) bij 75 Pa

UV-resistentie ASTM G-155

Geslaagd exposure >250h



DECLARATION OF PERFORMANCE

Construction Products Regulation (CPR) EU 305/2011