

## 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

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**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/m<sup>2</sup>, 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 m<sup>2</sup> or more in a day. Additional protection or insulation can be applied to the membrane on average 20 minutes after application.

### LIMITATIONS

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**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

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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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## FYSISCHE EIGENSCHAPPEN (vloeistof)

### Eigenschap

Kleur  
Specifieke zwaartekracht (vloeistof), g/cm<sup>3</sup>  
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 <sup>2</sup>	Afdichting
1	1,35	luchtdicht
2	2,70	waterdicht

## PRESTATIES (uitgehard membraan)

### Eigenschap

Kleur  
Specifieke zwaartekracht (vloeistof), g/cm<sup>3</sup>  
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/m<sup>2</sup>.sec0.5  
0.59 g/m<sup>2</sup>\*24h  
Geslaagd  
2,1 n/mm<sup>2</sup>  
1,4 n/mm<sup>2</sup>  
1,9 n/mm<sup>2</sup>  
2,7 n/mm<sup>2</sup>  
3,7 n/mm<sup>2</sup>  
2,9 n/mm<sup>2</sup>  
Geslaagd (>90% originele waarde)  
850%  
>90%  
Geslaagd >1200h  
0.0004 L/(s.m<sup>2</sup>) bij 75 Pa

UV-resistentie ASTM G-155

Geslaagd exposure >250h



**DECLARATION OF PERFORMANCE**  
Construction Products Regulation (CPR) EU 305/2011