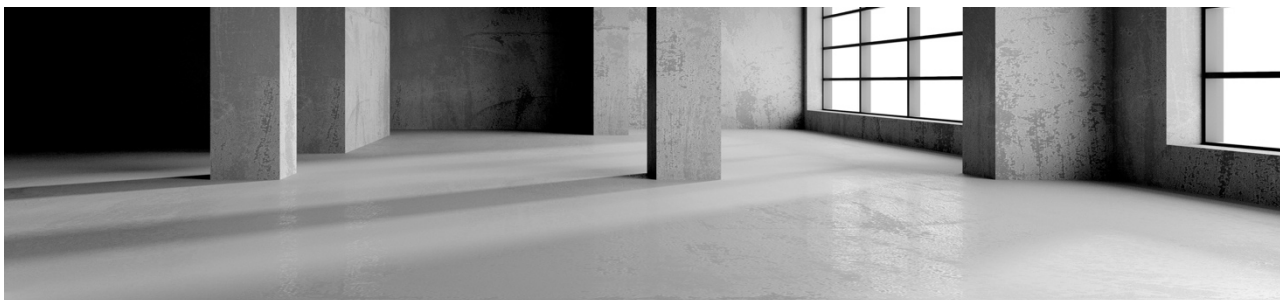




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TECHNICAL DATA SHEET

Apecoat Moisture Barrier E31



Reference	E31
Description	Two-component epoxy damp-proof course / membrane.
Features	– Damp barrier for damp substrates – Universal primer: can be used in epoxy, polyurethane and polyaspartic paint systems – Primer for Polyaspartic V31 floor paint
Applications	Suitable for use on concrete surfaces, indoors and outdoors. Suitable for horizontal applications only.
Composition	Epoxy with a surface-tolerant hardener
Substrate	Concrete surfaces
Kleur	Colourless
Appearance after drying	Gloss

TECHNICAL INFORMATION AT 20°C AND 60% RH

Density	± 1.080 kg/l	
Drying time	Drying time (100 µm dry)	
	Dust-dry	Non-sticky
	3 u	5 u
Mixing ratio	By weight: 70/30	
Solid in volume	± 92 %	
Theoretical yield	For 100 µm dry film thickness, 9 m ² /L as a primer for Polyaspartic V31 floor paint.	

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TECHNICAL DATA SHEET

Apecoat Moisture Barrier E31

For 400 µm dry film thickness, 2 m²/L as an epoxy moisture barrier.

APPLICATIONS

Recommended layer thickness

Application method	Roller, brush
Dry (µ)	100 µm as an impregnation 400 µm as a moisture barrier

Dilution

Undiluted

Equipment cleaner

Thinner 31-67

Ground temperature

+3°C above the dew point

Humidity and temperature

Maximum 80 % RH

Minimum +10°C

Pot life

40 minutes

SURFACE PREPARATION

Preparation

Depending on the type of substrate, sand and/or degrease the surface to be painted. The concrete substrate must be dry and free from grease, dust and other contaminants.

Application

As an impregnation for Polyaspartic V31:

1. Apply one layer of Apecoat Moisture Barrier E31.
2. After a waiting time of 12-16 hours, apply one layer of Polyaspartic V31 without sanding in between.

As a moisture barrier:

1. Apply two layers of Apecoat Moisture Barrier E31. The minimum waiting time between the two layers is 4 hours.
2. After a waiting time of 12-16 hours, apply one layer of Polyaspartic V31 without sanding in between.

To prevent adhesion problems, we recommend applying the next coat within 72 hours. If this is not possible, the previous coat must be roughened and cleaned before being painted over.



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TECHNICAL DATA SHEET

Apecoat Moisture Barrier E31

SYSTEM CONSTRUCTION 1 – IMPREGNATION

1 ^e layer	Apecoat Moisture Barrier E31	120 g/m ²
2 ^e layer	Polyaspartic V31	± 350 g/m ² up to a maximum of 400 g/m ²

SYSTEM CONSTRUCTION 2 – MOISTURE BARRIER

1 ^e layer	Apecoat Moisture Barrier E31	120 g/m ² to a maximum of 150 g/m ²
2 ^e layer	Apecoat Moisture Barrier E31	Depending on the thickness of the first layer, apply sufficient product to achieve a total quantity of 400 g/m ² , spread over the first and second layers.
3 ^e layer	Various top coats are available. Please ask us for advice.	

SAFETY INFORMATION

Flash point °C

Please refer to the safety data sheet for detailed information.

STORAGE CONDITIONS

Storage conditions

12 months in the original, unopened packaging, stored in a dry, sheltered place.
Temperature between 5°C and 35°C.

Packaging

10 kg – 5 kg (comp. A + comp. B)

General information

The values given in this technical data sheet are typical values and may vary from batch to batch. The information is based on sources considered to be reliable and reflects the current state of our knowledge. It is provided for information purposes only and we accept no liability in this regard. We recommend that you always refer to the most recent technical data sheet available.

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