

nora[®] DPM 100

2-part epoxy damp proof membrane
2-K Epoxidharzgrundierung

Ⓢ Very low emissions

Ⓢ Barrier effect against moisture of up to 5% CM or 6% by weight



High-quality, low-odour, two-component epoxy resin primer for indoor and outdoor areas for subfloor preparation before laying nora rubber floor coverings. For use as an adhesive primer before filling and as a barrier primer with residual moisture of 5% CM or 6% by weight. Not a replacement for barriers in line with DIN 18533 and DIN 18534.

Instructions for subfloor preparation can be found in the nora construction recommendations.

Technical data:

Mixing ratio:	A : B = 100 : 60 parts by weight		
Consumption:	approx. 200–650 g/m ² per layer, depending on substrate absorbency		
Setting time:	30–45 minutes*		
Working temperature:	+10°C to +30°C, at least +3°C above the dew point Curing is accelerated by high temperatures and low humidity and is delayed by low temperatures and high humidity		
Curing time:	Temperature:	10°C	20°C
	Duration:	24 h	18 h
Fully hardened:	after 3–5 days*		
Frost-resistant:	to -25°C		
Emission behaviour:	EMICODE EC 1R PLUS – very low emissions		

*18°C/65% rel. humidity. See application table.

Properties:

- Ⓢ Low odour during application
- Ⓢ Effective barrier
- Ⓢ Solvent-free

Areas of application:

Suitable for: Cement screeds with a residual moisture of max. 5% CM, concrete surfaces and floors with residual moisture of max. 6% by weight and on existing surfaces without unstable layers.

Suitable for:

nora PRN 102; nora L 1000 and nora SF 1001 on quartz broadcast nora DPM 100

Application table:

Subfloor	Consumption
Rough, shot-blasted or milled subfloors	350–650 g/m ² *
Smooth, dense and non-absorbent subfloors	200–250 g/m ² *
Sealing a new floated and smoothed cement screed	approx. 350 g/m ² /1. layer* approx. 250g/m ² /2. layer*

*At 18°C/65% rel. humidity, and room-temperature containers. Material consumption increases at low temperatures.

Subfloor preparation:

The subfloor must be solid, dry, free of cracks, clean and free of substances that impair adhesion. Machine subfloors to create a surface conducive to good adhesion, e.g. by sanding, milling or shot-blasting. Old adhesive residue, levelling compound residue or other unstable layers must be removed completely by mechanical means. Vacuum the surface thoroughly.

Application:

1. Allow the container to come to room temperature. Pierce the plastic seal and base of the top container (hardener B) several times. Wait until all the hardener has run into the bottom container (resin A). Remove the empty top container. Mix component A (resin) and B (hardener) thoroughly together using a low speed agitator (max. 300 rpm) to obtain a uniform and smooth consistency. Make sure to mix in the material that sticks to the walls of the mixing container. Pour the mixed material into a clean bucket and briefly mix again.
2. Before beginning levelling work, use a short-pile nylon roller to apply an even layer of nora DPM 100 as a primer, leave to dry for a sufficient time and then apply a layer of nora PRN 102 as a bonding agent. Alternatively, the 2nd layer of nora DPM 100 can be broadcast with quartz sand (e.g. 0.3–1.2 mm, >3 kg/m²). Always broadcast sand whilst the compound is still wet.

Apply two even coats of nora DPM 100 as a moisture barrier using a short-pile nylon roller. Do not broadcast sand on the first layer. After allowing to dry sufficiently or at most for 24 hours, apply the second coat crosswise to the first and broadcast to excess using quartz sand (e.g. 0.3–1.2 mm) (>3 Kg/m²). Sweep and vacuum off any excess sand after drying.

Further information can be found in the nora installation recommendations.

Notes:

Storage: Store in a cool, dry and frost-free location. Shelf life: 12 months.

Disposal: Only recycle completely emptied containers. Fully cured residues can be disposed of according to e.g. EAK No. 170904 (mixed construction and demolition waste) or EAK No. 080410 (adhesive and sealing waste). Uncured residues can be disposed of according to e.g. EAK no. 080409 (adhesive and sealing waste containing hazardous substances).

The product is classified as a hazardous substance in line with the CLP regulation (EC) no. 1272/2008.

General/self tests: The details given above, in particular the recommendations for processing and using our products, are based on our knowledge and experience. nora primers, levelling compounds and adhesives have only been tested as a system. As we have no control over site conditions, we recommend in any case and in particular when used in combination with third-party products, sufficient self-tests to be carried out in order to ensure the suitability of our products for the intended processes and purpose. Liability cannot be inferred from this information nor from an oral consultation, provided we have not acted with intent or gross negligence. Please read the nora installation recommendations as well as our delivery conditions and terms of payment.

Container sizes:

5 kg/sheet metal container

Made in Germany

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