



NIMACO

Low viscosity
fast curing
polyurethane
based
all-purpose
primer

DESCRIPTION

MAC PRIMER RAPID is a one component, fast curing polyurethane based primer suitable for all substrates.

It can be used successfully on both porous and non-porous substrates. It has an increased curing speed (same day primer) which allows it to be used more successfully in colder climates and when rain is not very predictable. It is the preferred option in cases of extreme porosity in concrete surfaces

Additionally, it can be effectively used on both dry and wet concrete, even green concrete, not only as primer but also as a low-cost sealing solution, increasing, thus, the durability of the substrate.

Apply with brush or roller. Consumption: On concrete 100-500 gr/m², subject to substrate porosity.

MAC PRIMER RAPID

RECOMMENDED FOR

To be used as **primer** for:

- Humid, damp or wet concrete

LIMITATIONS



Will discolour when used on its own exposed. This is purely visual and does not affect the performance of the membrane.

FEATURES & BENEFITS

- One component.
- Fast Curing
- Of low viscosity.
- Easily applied, even on wet concrete.
- Excellent wetting, impregnation and paint-over time.
- Elastic.

APPLICATION PROCEDURE

Clean the surface using a high-pressure washer, if possible.

Remove oil, grease and wax contaminants.

Cement laitance, loose particles, mould release agents, cured membranes must also be removed.

Thinning:

In order to reduce the chance of bubble formation and to help keep consumption below 500 gr/m².

Application:

Apply with brush or roller.

Once cured, the main membrane can be applied.



CONSUMPTION

Concrete: 100-500 gr/m², subject to substrate porosity.

CLEANING

Due to the very high strength of adhesion, avoid staining surrounding areas.
Clean tools and equipment first with paper and then using SOLVENT.
Rollers will not be re-usable.

PACKAGING

- 1 Lt
- 4 Lt
- 20 Lt
- Drums

SAFETY INFORMATION

Can be kept for 12 months minimum in the original unopened pails in dry places and at temperatures of 5-25 °C.
Once opened, use as soon as possible.
Contains solvents. Apply in well-ventilated, no smoking areas, away from naked flames.
In closed spaces use ventilators and carbon active masks.
The M.S.D.S. (Material Safety Data Sheet) is available on request



TECHNICAL SPECIFICATIONS

In liquid form (before application):

<u>PROPERTY</u>	<u>UNITS</u>	<u>METHOD</u>	<u>SPECIFICATION</u>
Viscosity (Brookfield)	cP	ASTM D2196-86 @ 25 oC	150-250
Specific weight	gr/cm3	ASTM D1475 / DIN 53217 / ISO 2811 @ 20 oC	0.98

In cured form (after application):

<u>PROPERTY</u>	<u>UNITS</u>	<u>METHOD</u>	<u>SPECIFICATION</u>
Tensile strength at break @ 23 oC	Kg/cm2 (N/mm2)	ASTM D412 / EN-ISO-527-3	350 (35)
Elongation @ 23 oC	%	ASTM D412 / EN-ISO-527-3	> 150
Dry to touch: <input type="checkbox"/> On DRY cement <input type="checkbox"/> On WET cement	hours	-	1-2 1
Application of main membrane	hours	-	2-24
Adhesion to cement	mPa	ASTM D1640	> 4
Adhesion of HYPERDESMO® to GEODESMO PRIMER	mPa	ASTM D1640	> 5

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