



NM 270 Steel Primer is an epoxybased ironoxide primer containing solvent.

NM 270 Steel Primer is specially produced to give as good adhesion to steel as possible.

In qualified rust-proof treatment, it is very important that the primer has a good adhesion to the substrate. A newly shot-blasted steel area is usually a good surface, but already after a couple of minutes the iron is affected by moisture and air pollutions.

This layer of iron salts has a negative effect of the adhesion of solvent free epoxy systems.

The air from the compressor can contain a small quantity of oil, or the surface can be touched by bare hands. This thin layer of oil- or grease will effect the adhesion.

To receive a good adhesion, the primer has to contain a solvent that can dissolve grease and oil and transport the contaminations into the primer.

NM 270 Steel Primer is specially made for best adhesion to steel and aluminium.

NM 270 Steel Primer can be applied with a roller or a brush.

### Typical applications

- Primer for steel surfaces
- Primer for aluminium surfaces.

### Typical properties

**Resin:**

NM Stålprimer 270

**Hardener:**

NM Härdare 271

**Mixing ratio:**

Resin-Hardener 100-20 by weight

<i>Density:</i>	1290 kg/m <sup>3</sup>
<i>Viscosity at 25°C:</i>	495 mPa·s
<i>Potlife 100g 20°C:</i>	50 min
<i>Dry content:</i>	92%
<i>Adhesion to grit blasted steel plate:</i>	>8.5 MPa
<i>Minimum curing temp.:</i>	+5°C
<i>Colour:</i>	Grey
<i>Consumption:</i>	0.1 kg/m <sup>2</sup>
<i>Normal packing:</i>	4.5+0.9 =5.4 kg
<i>Cleaning solvent:</i>	Acetone