



NM BG 31 RS is a two-component, solvent free epoxy resin developed for rust protection of steel reinforcement. Concrete may be applied directly on the still wet epoxy resin.

It is also possible to apply concrete, without lack of adhesion when the epoxy resin is cured.

Steel reinforcement shall be free from rust and other contaminants before application of NM BG 31 RS.

### Typical applications

- Rustproofing of steel reinforcement.
- Glueing of green concrete to steel.

### Typical properties

**Resin:**

NM BG 31 RS

**Hardener:**

NM Härdare 492

**Mixing ratio:**

Resin-Hardener 100-13 by weight

<i>Density:</i>	1335 kg/m <sup>3</sup>
<i>Viscosity at 25°C:</i>	Thixotropic
<i>Solids content:</i>	100 %
<i>Potlife 100g 20°C:</i>	18 minutes
<i>Adhesion to grit-blasted steel plate:</i>	>20 MPa
<i>Adhesion to concrete:</i>	>16 MPa
<i>Chemical resistance:</i>	Absolute to water and alkali.
<i>Minimum curing temp:</i>	+5°C
<i>Colour:</i>	Yellow
<i>Consumption:</i>	~0.3 kg/m <sup>2</sup>
<i>Normal packing:</i>	0.2 + 0.026 = 0.226 kg
<i>Cleaning solvent:</i>	Acetone