



NM Injection INP 42 is a very low viscosity solvent free epoxy resin, designed for crack injection.

There is a choice between two hardeners to NM Injection INP 42, a fast one INP 24S and a slow one INP 24L.

NM Injection INP42 has a good adhesion when it is injected into cracks even if the concrete is wet, this makes it possible to inject in waterfilled cracks. The adhesion to wet concrete is roughly the same as the tensile strength of concrete K60.

The low viscosity makes it possible to inject with a low pressure.

If special curing times are required, the two hardeners INP 24S (fast) and INP 24L (slow) could be mixed.

### Typical applications

- Injection of cracks in concrete and rock.
- Injection of voids in concrete floors.

### Typical properties

**Resin:**

NM Injektering INP 42

**Hardener fast:**

NM Härdare 24 S

**Hardener slow:**

NM Härdare 24 L

**Mixing ratio:**

Resin-Hardener 100-50 by weight

<i>Density:</i>	1150 kg/m <sup>3</sup>
<i>Viscosity at 25°C:</i>	0.15 Pa·s
<i>Potlife 100g 20°C:</i>	
<i>Hardener 24 S:</i>	13 minutes
<i>Hardener 24 L:</i>	70 minutes
<i>Compressive strength:</i>	90 MPa
<i>Tensile strength:</i>	60 MPa
<i>Flexural strength:</i>	90 MPa
<i>Modulus of elasticity:</i>	3 GPa
<i>Long-term storage in water</i>	
<i>Pulling after 1 month:</i>	56 MPa
<i>Pulling after 6 months:</i>	55 MPa
<i>Minimum curing temp:</i>	+5°C
<i>Colour:</i>	Transparent
<i>Normal packing:</i>	4.0+2.0= 6.0 kg 0.667+0.333 = 1.0 kg
<i>Cleaning solvent:</i>	Acetone