

**General description**

NM Laminating 275 A is a low viscosity epoxy resin for roomtemperature curing. NM Laminating 275 A is specially developed for hand-lay-up applications and posses good wetting and adhesion to glass-, carbon-, polyester- and aramide fibres.

NM Laminating 275 A has a long potlife and low exotherm. The resin can be accelerated with NM Accelerator 254 (See below).

NM Laminating 275 A can also be used as an adhesive. The adhesive is superior to most substrates.

NM Laminating 275 A can be made thixotropic by using NM Filler 51.

Typical applications:

- Producing of epoxy laminates
- Reparation of damages to laminates
- Adhesive for wood

Typical properties**Resin:**

NM Laminating 275 A

Hardener:

NM Härdare 275 B

Mixing ratio:

Resin-Hardener 100-55 by weight

Resin-Hardener 100-63.25 by volume

Density: 1098 kg/m³

Viscosity at 25°C: 0.8 Pa·s

Potlife 100g 20°C: 40 minutes

Potlife 100g 20°C

+ 10% Accelerator 254: 15 minutes

See also table.

Compressive strength: 90 MPa ISO R604

Tensile strength: 56 MPa ISO 527

*Modulus of elasticity*_[Tensile]: 2.35 GPa ISO 527

Elongation at break: 3.5 % ISO 527

Flexural strength: 95 MPa ISO 178

*Modulus of elasticity*_[Flexural]: 3 GPa ISO 178

HDT: 60°C ISO 75_{Af}

Waterabsorbtion: 0.15% ISO 62_{24h}

Colour: Transparent

Normal packing: 0.5 + 0.275
= 0.775 kg
0.9 + 0.5 = 1.4 kg
5 + 2.75 = 7.75 kg

% Accelerator 254	Potlife (Minutes)
0	40
1.0	33
2.0	28
3.0	25
4.0	22
5.0	20
6.0	19
7.0	18
8.0	17
9.0	16
10.0	15

Potlife for NM Laminating 275 A / NM Hardener 275 B with different amounts of NM Accelerator 254. The values are for 100 gms of NM Laminating 275 A / NM Hardener 275 B with a initial temperature of 20°C. The percent adding is calculated as ex. 100 gms + 1 gm.

Cleaning solvent: Acetone

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