



NM Floor 3000 ESD is a self-levelling semi-conductive floor screed, based on solvent-free epoxy.

NM Floor 3000 ESD gives a smooth screed, free from pores, with a very high abrasion resistance and resistance towards chemicals.

Application is done with a scraper with mounted distances or NM Elite Applicator.

Substrates that are to be treated with NM Floor 3000 ESD should be sound, free from oil or other contaminants, loosely adhering materials and dust. Concrete should have a surface strength of min. 1.5 MPa. The cleaned surface should be blasted or grinded and primed with NM BP50 Super Water Dispersible Epoxy Primer.

The resistance is highly depending of the thickness of the screed. It could therefor be necessary to mend the primed surface to get a complete even substrate.

The mended surface should then be primed with NM Primer 3001. For further instructions, please see the working instruction.

ESD-approval according to IEC 61340-5-1.
Reaction to fire classification: B_{fl}-sl.

Typical application:

- Semi-conductive floor screed.

Typical properties

Resin:

NM Golv 3000 ESD

Hardener:

NM Härdare 45

Filler:

NM ESD Filler

Mixing ratio:

Resin-Hardener-Filler 100-23.7-82 by weight

<i>Density:</i>	1590 kg/m ³
<i>Viscosity at 25°C:</i>	5 Pa·s
<i>Potlife 100g 20°C:</i>	45 min
<i>Compressive strength:</i>	80 MPa
<i>Tensile strength:</i>	20 MPa
<i>Flexural strenght:</i>	40 MPa
<i>E-modulus:</i>	5 GPa
<i>Resistance to earth:</i>	< 10 ⁹ Ω
<i>Chemical resistance:</i>	See table
<i>Consumption:</i>	2 kg/m ²
<i>Colours:</i>	Grey (NM 17)
<i>Normal packing:</i>	25.100 kg
<i>Cleaning solvent:</i>	Acetone