



Technical Data Sheet

NM Golv 80



Utg: 1994-09-19

Ers: 2016-03-17

Rev: 2021-10-25

General Description

NM Golv 80 is a coating designed for heavy pedestrian traffic and light rubber-wheel truck traffic.

NM Golv 80 gives a smooth, tight and very wear resistant surface with good flexibility.

NM Floor 80 is suitable in warehouses, shops, light industry, hospitals, corridors, sports halls, etc. Approved to EN 13813.

Processing Instructions

The coating is carried out by roller or trowel. A roller is recommended up to about 0.5 kg/m².

To obtain anti-skid NM Golv 80 is sprinkled with quartz sand.

Surface Preparation

Concrete surfaces must be at least 14 days old. Remove oil, grease and wax contaminants by scrubbing with industrial grade detergent or degreasing agents followed by mechanical cleaning. Cement laitance, loose particles, mould release agents, curing membrane and other contaminants must be removed from the surface by shot-blasting, scarifying or grit-blasting followed by vacuum cleaning.

After pre-treatments, the surface tensile strength must be at least 1.5 MPa (check with an approved pull-off tester).


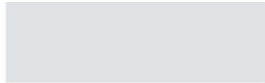






Application

The system is built up by first priming the surface. After that NM Golv 80 is applied in one layer.

The system can be done with anti-skid finish or coloured flakes.

For a full description, see **NM Work Description NM Golv 80**.

Standard colours

	
37 NCS S1040 B10G	17 NCS S3502 B
	
20 NCS S2050 Y20R	16 NCS S60300 G30Y
	
19 NCS S5040 Y80R	15 NCS S4030 G30Y
	
18 NCS S4502 B	14 NCS S3010 G90Y

The stated NCS code is the approximate translation from NM's standard colors.

Chemical resistance

For a complete list, contact Nils Malmgren AB or visit our home site, www.nilsmalmgren.se

Key

- Not recommended
- + Short use
- ++ No problems

Petrol	++
Ethanol, 50 %	++
Motor oil	++
Sodium hydroxide, 10 %	++
Hydrochloric acid, 10 %	++
Water	++

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Typical Properties

Resin NM Golv 80 + colour index

Hardener NM Härdare 80

Mixing ratio

Resin – Hardener 100 – 33.3 by weight

Density: 1300 kg/m³

Viscosity: 2.8 Pa·s

Dry content: 100%

Pot life 100g 20°C: 45 minutes

Compressive strength: 98 MPa

Tensile strength: 30 MPa

Flexural strength: 49 MPa

E-modulus: 9 GPa

Wear resistance: AR0.5

Bond strength: B2.0

Impact resistance: IR10

Chemical resistance: See nilsmalmgren.com

Reaction to fire classification: B_{fl}-sl.

Consumption: Up to 1.5 kg/m²

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Normal packing: 6 + 2 = 8 kg

Cleaning solvent: Acetone

Curing

	10°C	20°C
Light pedestrians	36 h	18 h
Full traffic	6 days	3 days
Fully cured	14 days	7 days

Note

Quality assurance:

In order to assure the quality of application, we have a form where important information is documented. The form is available from Nils Malmgren AB, telephone +46 303 936 10

Declaration of performance:

Can be obtained for this product. See our website or contact Nils Malmgren AB.

Disclaimer

This product's technical specifications are developed by experience in field and laboratory by us.

Fully cured will take place at seven days at +23°C and 50 % RF.

We reserve the right to change products as well as data. Current data sheets are available at our website and with us. We cannot assume responsibility for use in areas that we do not know. The user shall always evaluate products for their intended use and we guarantee only the material properties. For every product we offer reference objects separately.