NMI COATING

PRODUCT DATA
NMI 760112

PRODUCT DESCRIPTION:

TWO COMPONENT EPOXY FLOORING MID COAT NMI760112.

(CURING AGENT 4200100)

NMI EPOXY 760112: is a two component self-level epoxy flooring bssed on epoxy and polyamine resins. With an excellent abrasion resistance on concrete surface .

Recommended use : As a flooring on sealed indoor concrete surface.

GENERAL PROPERTIES:

Adhesion: -Excellent to primed surfaces.
Corrosion Resistance: - Excellent on correctly primed surfaces.
Temperature resistance: - Dry:Maximum:120◦c Wet:Maximum:50◦c

PHYSICAL PROPERTIES:

Colors/Shade No	Ral No .
Finish	Flat.
Volume Solid	100%
Theoretical spreading rate	1 m² /liter 1000Mic. Dft.
Flash point	36 ◦C
Specific gravity	1.45-1.55 kg/liter
V.O.C.	Max. 5 gr/liter
Shelf life	1 Years (25ºC / 77ºF) from time of production. Depending on storage condition, mechanical stirring may be necessary before usage.

MIXING:

Mixing ratio (by weight)	Component A 760112 6	Component B 4200100 1
Pot life	2 hours (20 ◦C/ 68 ◦F)	

APPLICATION :

Conditions	Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3 ◦C above the dew point.	
Method	Blade	Roll
Thinner (max. vol.)	Not Recommend	Not Recommend
Spray setting		
Pump ratio minimum	-	
Tip size	-	
Tip pressure	-	
	-	
Cleaning of tools	Thinner 3001	
Indicated film thickness, dry	1000 microns	
Indicated film thickness, wet	1000 microns	

Issued: Sep. 2018

DRYING AND CURING TIMES AT (20 ◌C):

Dry to touch	Max.8 hour
Hard dry	Max.48 hours
Full curing	7 days
Recoat interval, min	24 hours
Recoat interval, max	7 days , see REMARKS

APPLICATION AND CURING CONDITIONS:

Primed surfaces

The surface must be completely clean and dry at the time of application, and its temperature must be above the dew point to avoid condensation. Minimum temperature for curing is 5°C/41°F. High humidity and/or condensation during application and the following 16 hours (20°C/68°F) may adversely affect the film formation. In confined spaces provide adequate ventilation during application and drying.
Maximum concrete moisture content should be 4% .

REMARKS

PRECEDING COAT: NMI Sealer Epoxy.

Chemical Resistance: Good resistance to gasoline , battery liguid, thinners , engine oil , hydraulic liguid , break and salt spray.

Film thickness: May be specified in another film thickness than indicated depending on purpose and area of use.
This will alter spreading rate and may influence drying time and recoating intervals.
Normal range is 1000-2500 microns 40-62.5 mils.

Thinning: The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. Thinner 3001 is recommended in general.

Recoating and drying/curing time: Recoating intervals related to later conditions of temperature:

Physical data versus temperatures:					
Surface temperature		5◌C/41◌F	10◌C/50◌F	20◌C/68◌F	30◌C/86◌
Dry to touch approx.		16 hours	10 hours	6 hours	3 hours
Resist condensing humidity/ light showers after		4 days	2 days	24 hours	12 hours
Fully cured		20 days	14 days	7 days	5 days
Recoating interval with epoxy and polyurethane top coats	Min	24 hours	16 hours	8 hours	4 hours
	Max	15 days	12 days	7 days	5 days

A completely clean surface is mandatory to ensure intercoat adhesion, especially at long recoating intervals. Any dirt, oil, and grease have to be removed, e.g. with suitable detergent.
Salts to be removed by fresh water hosing. To check an adequate quality of the surface cleaning a test patch is recommended before actual recoating.

SAFETY:

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult RSI material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

Issued: Sep .2018
NMI Paint Co.
Product data sheet 760112.

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