
TECHNICAL DATA SHEET

NIPPON EA-9

DESCRIPTION

Type : Two components. Low gloss Amine-adduct cured Epoxy coating.

Uses : As intermediate coat or finishing coat on steel, concrete, plaster, brick and most type of building boards and blocks. Nippon EA-9 primer / finish systems have been extensively used for long term corrosion of both ferrous and non-ferrous surfaces within the civil engineering and building industry, and as lining systems for portable water, chemical and fuel storage tanks, palm oil derivatives and edible oil.

FEATURES

- ▶ Excellent mechanical film properties such as film hardness, adhesion and abrasion resistance.
- ▶ Outstanding resistance to corrosion and abrasion. Resistance to water, alkaline, chemicals, oils, solvents, mild acids, crude oils, fats, cutting oils, etc.

PHYSICAL CHARACTERISTICS

Colour	: Off white and pastel colour.
Finish	: Smooth finish.
Gloss (60 °)	: Semi-matt.
Paint Viscosity	: 80±2 KU at room temperature 25-30°C.
Specific Gravity	: 1.20 ± 0.03kg per litre at room temperature 25-30°C.
Solid Content (NV)	: Approximately 50 % by volume. (for mixture of Base and Hardener)
Paint Coverage (20% loss factor)	: Theoretical: 6.0m ² /litre Practical: 4.8m ² /litre (at 75µm DFT)
Flash Point	: Above 15° C
Shelf Life	: Up to 6 months when stored in tightly sealed containers below 30° C.

APPLICATION DATA

Surface Preparation : The surface must be dry and clean and free from abrasive residues and other contaminants before the paint is applied. Ensure that the humidity is below 85% and moisture content must be below 6 that check by Sovereign Moisture Meter.

Paint Mixing Ratio : Base - 9 parts by volume
Hardener – 1 part by volume.

Mix thoroughly and allow 30 minutes waiting period before use.

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Thinner	:	Thinner Nippon SA-65.
Thinning (by volume)	:	Airless- 10%, compressor air- 20-25%, brush & roller- 5-10%
Pot life	:	Approximately 6 hours at 30° C.
Dry Film Thickness	:	Total 75µm per coat. (167µm wet film thickness).
Application Method	:	Preferably airless.
Drying Time	:	Dry to touch: 30 minutes at room temperature 25°C to 30°C. Dry to Handle: After 16 hours at room temperature 25°C to 30°C
Over coating Time	:	Minimum: 16 hours at room temperature 25°C to 30°C. Maximum: 7 days at room temperature 25°C to 30°C.
Curing Time	:	5 - 7 days at 30°C.

GENERAL INFORMATION

Packing	:	20 litres (Base - 18 litres, Hardener - 2 litres) 5 litres (Base - 4.5 litres, Hardener - 0.5 litre).
Precaution	:	It contains volatile and inflammable solvents. Ensure adequate ventilation during use and avoid using near fire.



The information given applies to the product and its performance under specific test conditions. Due to the varied circumstances beyond our control under which the product may be applied, for specific application, please contact Nippon Paint Sales & Marketing Department at 08-2810223 / 2810224 / 2810225 / 2810226. We reserve the right to modify our product specification without further notice