

**TECHNICAL DATA SHEET FOR
NIPPON EPOXY FLOOR PAINT (2 PACK)**

DESCRIPTION	The very durable Nippon Epoxy Floor Paint provides excellent gloss to cement and concrete floors and, resistance to most of the chemicals. It is highly recommended for interior cement and concrete floors which require high abrasion and impact resistance like garage floors, tennis courts, walk-ways and factory floors.
TYPE	Two component epoxy polyamide floor finish
COLOUR	Red, Black, Brown, Green & Grey
USES	Interior cement and concrete floors
FEATURES	Long lasting and excellent adhesion and Ideal abrasion and impact resistance Resistance to most of the chemicals

APPLICATION DATA

METHOD	Roller, Brush, Spray
THEORETICAL COVERAGE	9 - 11 Sq.m/liter at wet film thickness 60 - 70 micron. The actual coverage will depend on the surface texture
DRY FILM THICKNESS	35 - 40 micron
SURFACE PREPARATION	<p>NEW FLOORS: The surface must be free of wax polish, oil, dust, grease & sand. Remove wax or polish by scrubbing vigorously with Turpentine. Wash with a liquid detergent to remove grease and oil. Wash with clean water to remove any leftover detergent on newly laid floors. Remove all traces of the remaining detergent by washing many times with clean water. For best results on smooth unpainted cement floors, flood with a dilute solution of Nippon Etching Solution (1 part Nippon Etching Solution to 5 parts water) and allow soaking for 20 to 30 minutes. Wash the floor with plenty of water to remove excess acid.</p> <p>PREVIOUSLY COATED FLOORS: Remove any peeling or degraded paint by sanding or using a paint stripper – Nippon Nax Ultima Paint Remover. For intact paint, thoroughly clean the surface with a strong detergent and then, lightly sand to remove gloss, if any.</p> <p>NOTE: Do not paint during rainy weather or wet and humid conditions. Slight traces of moisture could prevent adhesion. The moisture content should be below 8 %</p>

DRYING TIME	Touch dry:	1 Hour at 30°C ± 2°C and RH 65 % ± 5%
	Full cure:	4 days at 30°C ± 2°C and RH 65 % ± 5%
	Overcoat:	24 Hours at 30°C ± 2°C and RH 65 % ± 5%
	Pot life:	1 Hour
	Normal foot traffic:	24 Hours

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APPLICATION DETAILS	Heavy traffic: 72 Hours Mixing the two components: The paint and the hardener are provided in two individual containers. The two should be mixed to a harmonious blend. Stir the paint well and transfer same into a clean dry container. Then, add the hardener into the paint and stir well for 5 to 10 minutes. In general, for smaller areas, blend two parts of paint to one part of hardener by weight.
NUMBER OF COATS	2 Coats
APPLICATION	Immediate use after mixing. The pot life of this is very limited. Therefore, ensure that the surface is ready for painting. Blend only a sufficient quantity that could be applied in one hour. It can be applied with brush, roller or spray. Clean all painting utensils with Epoxy Thinner. If not, it cannot be used later. Recoating: After the first coat, allow same to dry for 24 hours before re-coating. To obtain better adhesion, over coating must not be delayed for more than 48 hours. The second coat should not be applied when the first coat is still wet. Light foot traffic is permissible after 24 hours Movement of furniture etc. should wait for 3 days. For skid resistance, dust evenly with the fine powder of clean sand immediately after painting. Maintenance: It does not require polishing or waxing. Mop once with a clean wet rag to maintain its gloss.
APPLICATION DETAILS	Stir well before use. Avoid excessive thinning. Provide adequate ventilation.
SUITABLE UNDERCOATS	Nippon Epoxy Primer White
CLEANING	All equipment should be cleaned with Nippon Epoxy Thinner immediately after use.
GENERAL INFORMATION	
SOLID CONTENT	57 ± 3 % by weight
FLASH POINT	29 °C
CONSISTANCY	Ready to use



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THINNING	Nippon Epoxy Thinner (maximum up to 10%)
MIXING RATIO (By weight)	Base : Hardener 2 : 1 (w:w)
POT LIFE	1 Hour
SPECIFIC GRAVITY	1.20 ± 0.05 kg/L
PACKING	1 ltr, 4 ltr
STORAGE	Store in a tightly sealed container in a cool dry place
SHELF LIFE	Up to 5 years in a tightly sealed container
PRECAUTIONS	Flammable; do not expose to heat of flame. Avoid direct contact with skin. Provide ample ventilation during paint application. Wear eye protectors and disposable respirators. Keep the product out of reach of children.

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice

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