

General Description

Nippon Paint EPW Floor Finish is a two-component high performance water-based modified epoxy floor coating designed for the protection of interior and exterior concrete and mortar flooring for light traffic.

Recommended For

- Interiors and Exterior
 - Carpark
 - Warehouse
 - Use on substrate with high cleanliness

Features

- Low VOC
- Eco-friendly
- Excellent abrasion resistance
- Easy application

General Information

Colour:	Standard colours as per colour card and special colours on request.	Drying time: (at 25°C)	Touch dry: 1 hrs, Dust free: 10 hrs
Type:	Two-pack water-based modified epoxy floor coating	Overcoat Time: (at 25°C)	≥24 hrs
Finishes:	Low gloss	Full Curing: (at 25°C)	7 days
Application Method:	Roller	Packing:	32 kg/set (Base : 16 kg / Hardener : 16 kg)
Theoretical Coverage:	0.15 kg/m ² /coat	Shelf Life:	12 months in sealed original packaging stored at room temperature and shaded place.
Dilution:	Max 5% clean water	Pot Life: (at 25°C)	20 mins (Used up the mixed paint within the pot life time)
Mixing Ratio: (by weight)	Base : Hardener = 1 : 1.		

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Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Concrete :	Concrete should be cured for 28 days. It should be cleaned by abrasive blasting or be mechanically abraded to remove laitance. Resultant dust and debris should be removed by sweeping or vacuum cleaning devices.
Strength of concrete:	For the compressive strength and tensile strength of the concrete surface, they should be larger than 25 MPa and 1.5Mpa respectively.
Defect:	For cracks, hollowing or other defects, repair with appropriate method and materials for renovation.
Moisture:	High moisture causes paint defect. The moisture content of substrate should be less than 20%. All water seepage must be checked and rectified.
pH Value:	pH value should be less than 9.
Fungus:	Remove by high-pressure wash & treat with Nippon Anti-Fungus Solution
Oil/Grease:	Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **Ensure fresh air ingress while applying and before dry done**

✧ **High humidity and cool temperature will result in longer drying time**

Paint Preparation

Base and hardener should be mixed thoroughly and stirred continuously for 3 mins before application.

Limitations

Avoid painting when the temperature is below 5°C or the humidity is over 75%. Do not paint when raining and rain is expected during painting or drying process.

Note

Recoating should be done before fully cured.

Clean Up

Wash painting tools with water immediately after use.

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

For further enquiries, please call:

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