NIPPON PAINT

TECHNICAL DATA SHEET

NIPPON PAINT EPOXY FLAKE FLOOR COATING 2-component Epoxy with Flake

Updated Oct'25

NIPPON PAINT EPOXY FLAKE FLOOR COATING is two-component epoxy system, enriched with a wide range of decorative flake patterns to deliver a strong, stylish, and long-lasting finish, on ceramic, porcelain and homogeneous tiles.

Product Features:

- Wide range of flake pattern
- Good hardness and abrasion resistant
- Resistant against wide range of washing detergent

Paint Type	Product Type	Finishing	Recommended Substrate
Solvent Free and Solvent Base	Epoxy	Gloss with following Flake: RF 0018, RF 1801, RF 0818 RF 8801	Floor Tiles

Technical Data

Standard System:

Primer	: Nippon High Performance Primer / Tile Primer	: 6.80 m2/L
Base Coat	: Nippon EA4 Finish (color) (broadcast the flake over the surface when it is still wet)	: 6.40 m2/L
First Finishing Coat	: Nippon EA4 Clear Finish (After 24 hours, light sanding with 300-600 mesh sandpaper is required to get smooth finish)	: 6.40 m2/L
Second Finishing Coat	: Nippon EA4 Clear Finish	: 6.40 m2/L

Enhanced System:

Base Coat	: Floorshield SF Epoxy Finish (color) (broadcast the flake over the surface when it is still wet)	: 0.30 kg/m2
First Finishing Coat	: Floorshield SF Epoxy Clear Finish (After 24 hours, light sanding with 300-600 mesh sandpaper is required to get smooth finish)	: 0.20 kg/m2
Second Finishing Coat	: Floorshield SF Epoxy Clear Finish	: 0.20 kg/m2

POST APPLICATION AND MAINTENANCE

- It is advisable to use soft bristle brush for routine cleaning. Do not use scouring pad cleaner, or abrasive tool to avoid scratch marks.
- Avoid using detergent in its concentrated form; ensure it is properly diluted before cleaning the floor.
- Do not leave detergent residue on the floor after washing. Avoid detergent to pond or remain on the surface for an extended period.
- Ensure there is no water contact within 24 hours after applying second finishing coat.
- It is recommended to walk on the painted surface 24 hours after applying clear coat.
- On wet areas, it is recommended to start using the room 24 hours after application, but any water puddle should be wiped immediately after use.
- The newly painted area can be used normally 7 days after applying second finishing coat.

Safety Precautions

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.

Note

* Theoretical Coverage is based on a mathematical formula

$$\left[\frac{Volume\ Solid\ \%\ x\ 10}{Dry\ Film\ Thickness}\right] = m^2/lit/coat$$

and does not consider LOSS FACTORS.
Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.
However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.
We reserve the right to alter the given without prior notice.