

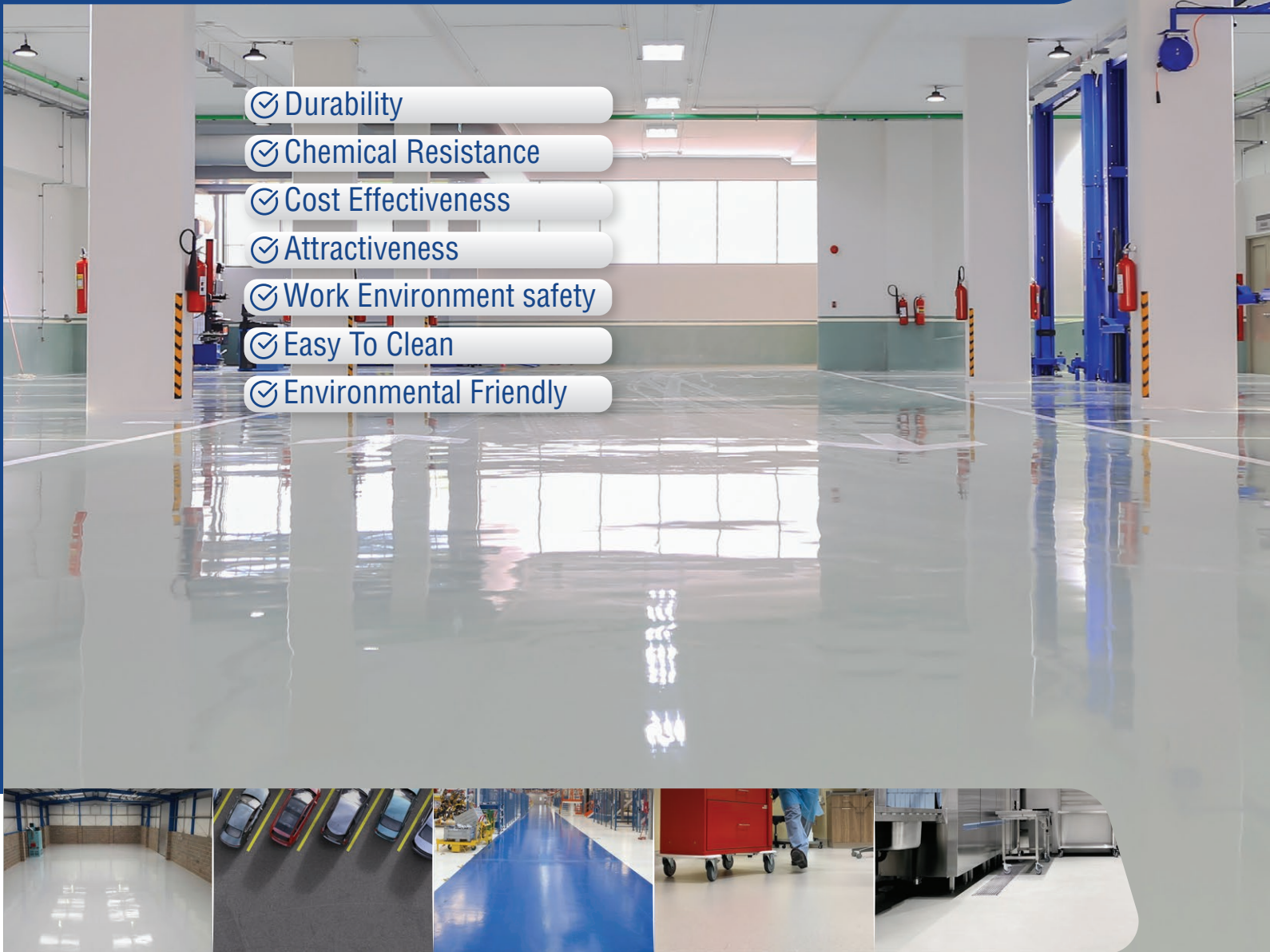


NIPPON PAINT

THE COATINGS EXPERT

EPOXY INDUSTRIAL FLOORING SYSTEMS

- ✓ Durability
- ✓ Chemical Resistance
- ✓ Cost Effectiveness
- ✓ Attractiveness
- ✓ Work Environment safety
- ✓ Easy To Clean
- ✓ Environmental Friendly



EXCELLENT AND DURABLE PROTECTION FOR FLOORING

SYSTEM 1

EPOXY THREE (3) COATS HEAVY DUTY SYSTEM HIGH COMPRESSIVE STRENGTH



- ① Epoxy High Solid Tie Coat (NIEP 1101) – 1 Coat (DFT: 50 to 70 microns)
- ② Epoxy Mid Coat (NIEP 1201) – 1 Coat (Coating thickness maximum up to 10mm)
- ③ Epoxy Self-Leveling Top coat (NIEP1301) – 1 Coat (Coating thickness maximum up to 4mm)

TARGET APPLICATIONS

Mechanical Workshops
 Heavy duty Industrial Floors (Power Plants, Metallurgy industries, Automobile Industries, etc.)
 General Material Manufacturing Industrial Floors
 Large Warehouse Floors

SYSTEM 2

EPOXY THREE (3) COATS HEAVY DUTY SYSTEM



- ① Epoxy High Solid Primer (NIEP 1102) – 1 Coat (DFT: 50 to 70 microns)
- ② Epoxy Self-Leveling Putty Coat (NIEP 1202) – 1 Coat (Coating thickness maximum up to 3mm)
 or Epoxy 3K self-leveling Putty (NIEP 1204) – 1 Coat (Coating thickness maximum up to 3mm)
- ③ Epoxy High Solid Floor Paint (NIEP 1302) – 2 Coats (DFT: 100 to 120 microns) Optional

TARGET APPLICATIONS

Food Manufacturing & Processing Industries
 Dairy Manufacturing Industries
 Pharmaceutical Manufacturing Industries
 Hospital & Surgical Floors
 Indoor Stadiums & Play Areas
 Indoor Car Parking Areas

SYSTEM 3 EPOXY TWO (2) COATS SELF-LEVELING SYSTEM



- 1 Self Leveling Primer (NIEP 1103) – 1 or 2 Coats (DFT: 50 to 70 microns)
- 2 Epoxy Self-Leveling Top Coat (NIEP 1301) – 1 Coat (Coating thickness maximum up to 3mm)

TARGET APPLICATIONS

Food Manufacturing & Processing Industries
 Dairy Manufacturing Industries
 Pharmaceutical Manufacturing Industries
 Hospital & Surgical Floors

SYSTEM 4 EPOXY AGGREGATE TOPPING



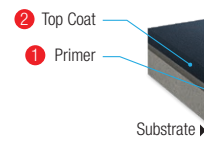
- 1 Epoxy High Solid Tie Coat (NIEP 1101)– 1 Coat (DFT: 50 to 70 microns)
- 2 Epoxy Aggregate Topping Coat (NIEP 1203) – 1 Coat (Coating thickness maximum up to 5mm)
- 3 Epoxy High Solid Floor Paint (NIEP 1302)
 Or W/B High Performance PU Floor Paint (NIEP 2310) (Exterior) – 2 Coats (DFT: 100 to 120 microns)

TARGET APPLICATIONS

Indoor & Outdoor Car Parks
 Basements
 Ramping Areas

SYSTEM 5

EPOXY FLOOR PAINT HIGH SOLID SYSTEM



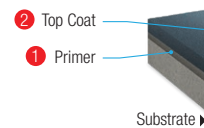
- 1 Epoxy High Solid Primer (NIEP 1102) – 1 Coat (DFT: 50 to 70 microns)
- 2 Epoxy High Solid Floor Paint (NIEP 1302) – 2 Coats (DFT: 100 to 120 microns)

TARGET APPLICATIONS

General Material Manufacturing Industrial Floors
Food Manufacturing & Processing Industries
Dairy Manufacturing Industries
Pharmaceutical Manufacturing Industries
Hospital & Surgical Floors

SYSTEM 6

EPOXY FLOOR PAINT GENERAL COATING SYSTEM



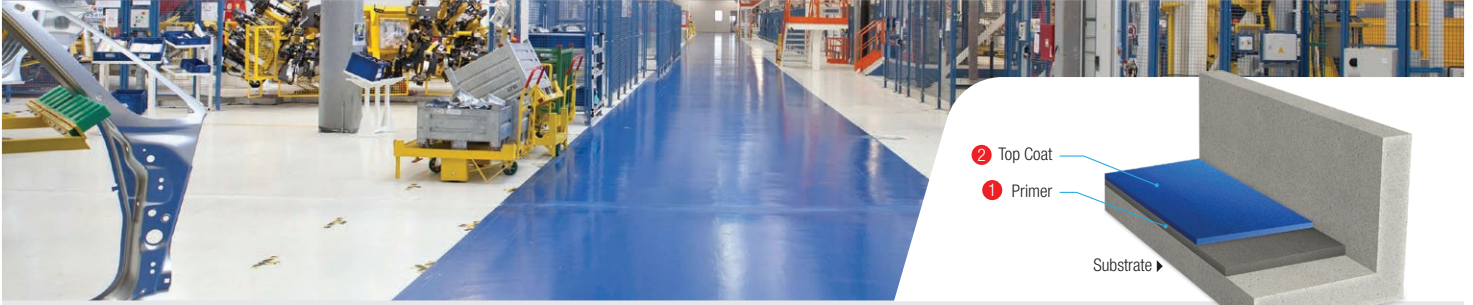
- 1 Epoxy Primer (Solvent Base) (NIEP 1100) – 1 Coat (DFT: 50 to 60 microns)
- 2 Epoxy Floor Paint (NIEP 1300) – 2 Coats (DFT: 80 to 90 microns)

TARGET APPLICATIONS

General Material Manufacturing Industrial Floors
Food Manufacturing & Processing Industries
Dairy Manufacturing Industries
Office Floors

SYSTEM 7

EPOXY FLOOR PAINT ANTI-SKID SYSTEM



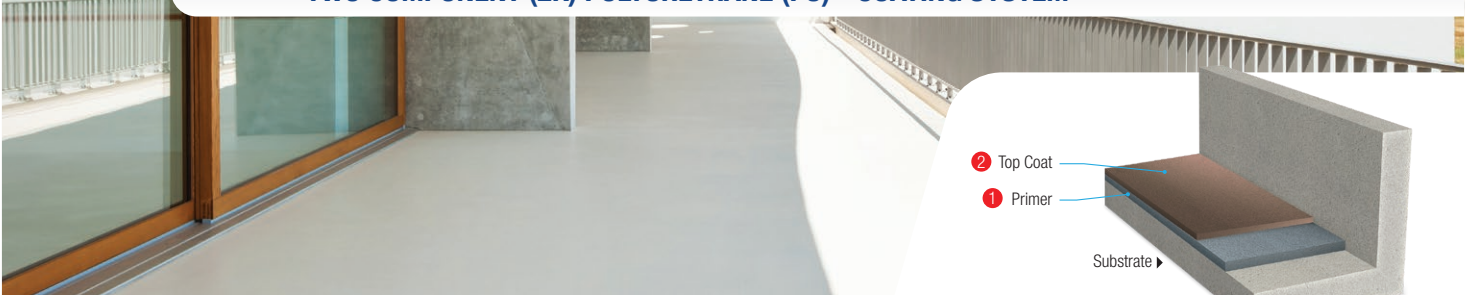
- 1 Epoxy Primer (Solvent Base) (NIEP 1100) – 1 Coat (DFT: 50 to 60 microns)
- 2 Anti-Skid Floor Paint (NIEP 1304) – 2 Coats

TARGET APPLICATIONS

Basements, Ramping Areas,
Bathrooms and other Wet areas,
Vehicle Service Areas

SYSTEM 8

WATER-BASED 2K-PU FLOOR PAINT - INTERIOR / EXTERIOR TWO COMPONENT (2K) POLYURETHANE (PU) - COATING SYSTEM



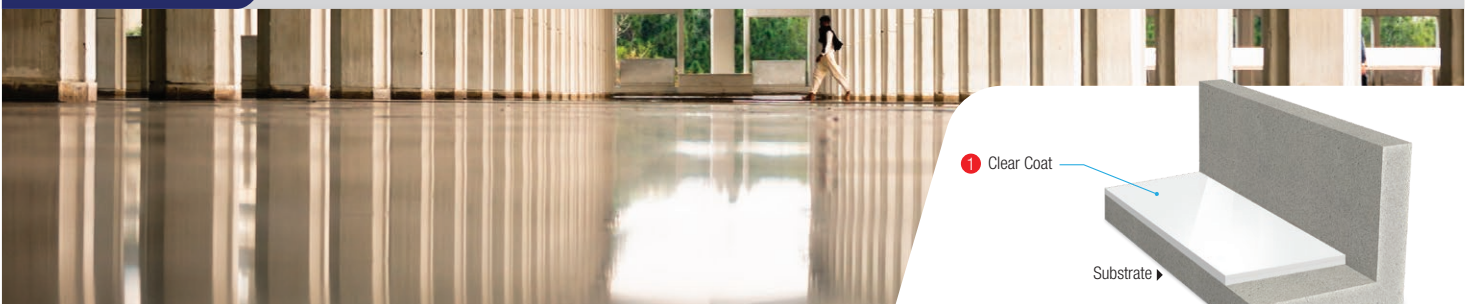
- 1 Concrete Sealer (Water Based) (NIEP 2100) – 1 Coat (DFT: 20 to 30 microns)
- 2 Two Component Water Based 2K Polyurethane (PU) Floor Paint (NIEP 2300) – 2 Coats (DFT: 70 to 80 microns)

TARGET APPLICATIONS

Interior/ Exterior floors
Roof terraces
General Industrial applications

SYSTEM 9

CLEAR COATS FOR INTERIOR & EXTERIOR FLOORS



INTERIOR & EXTERIOR FLOORS:

- 1 Nippon Water Based 2K PU Floor Paint Clear (NIEP 2303) - 2 Coats (60 to 70 microns DFT with 50 -60% Gloss level)

INTERIOR FLOORS:

- 1 Nippon 2K Epoxy Floor Paint Clear (NIEP 1305) - 2 Coats (70 to 80 microns DFT with 50- 60 % Gloss level)

RECOMMENDED FOR

Titanium, Concrete, Cement & Terracotta floors with light traffic

Over the years, Nippon Paint has leveraged insights from every industry to focus its efforts on creating a wide range of specialised solutions for different purposes and environments. These innovations include environmental friendly, water-resistant, dirt-resistant, heat-resistant and coatings for healthier interiors. Whatever your project needs, Nippon Paint is the solution for you.

FLOOR CLEANING & PAINT APPLICATION PROCEDURE FOR EPOXY FLOORING

The successful application of the epoxy floor begins from the proper substrate preparation. The performance of Epoxy Floor coating is directly affected by the surface preparation.

A proper surface preparation ensures,

- ✓ Proper adhesion to the substrate
- ✓ Prolongs the life of the coating system
- ✓ Increase the paint coverage (low material consumption)
- ✓ Better finishes
- ✓ Less time consuming

Floor Cleaning & Preparation methods

1. Cleaning and washing
2. Chemical / Detergent cleaning
3. Acid Etching
4. Sanding - Mechanical and manual
5. Moisture level monitoring



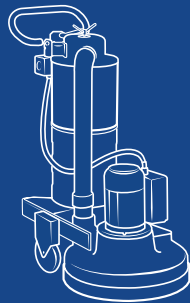
Application

All product applications need to be adhered according to the instructions given on the product Technical Data Sheet (TDS) & recommended coating system.

Application Utensils



Floor Grinders



Floor Sanders



Floor Corner Grinders



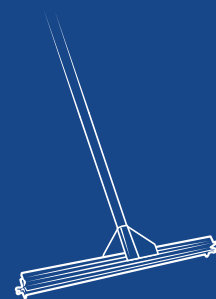
Spike Shoes



Dentated Trowels



Spike Rollers



Floor Level Gauges

Note : Please contact Nippon Paint Lanka for more details prior to finalising your floor coating requirements.



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