

# Power Floor

High-quality, colored, solvent-free epoxy for floors and walls.

## Description: -

High-quality colored top coat epoxy coating specifically designed for painting floors and walls. It is based on solvent-free Epoxy resin in the form of two components.

## Usage: -

- Colored paint for surfaces and floors exposed to loads and chemicals.
- Paint for production and storage halls in factories.
- Floor paint for car parking areas, garages, and car service stations.
- Industrial facility paint exposed to chemicals and harsh conditions.
- Floor paint for food factories, hospital floors, and care rooms.
- Paint for floors in slaughterhouses, dairies, laundries, and various warehouses.
- Paint for road structures, bridges, water stations, and sewage stations.
- Floor paint for nuclear power stations and various structures exposed to harmful chemical effects.
- Paint for machines, boilers, distillation units, tanks, and iron pipes.

- Paint for different surfaces such as wooden surfaces, cement plaster surfaces, and iron surfaces.

### Advantages: -

- High adhesive strength on floors, walls, and various surfaces.
- High hardness and resistance to mechanical stresses.
- High resistance to abrasion, friction, slip, and slide.
- Smooth touch unaffected by washing.
- High resistance to chemicals, moderate acids, oils, and greases.
- Solvent-free and has no harmful impact on health.
- High resistance to various loads.
- Attractive multicolored paint with the option of custom coloring.
- Easy application, odorless, and does not require special equipment during application.

### Characteristics: At 25°

color	Multicolord
Mixing ratio by weight A to B.	3 : 1
Solid content ratio by weight A to B.	99 $\pm$ 1 %
Density kg/liter	1.37 $\pm$ 0.05
Pot life	30 : 45 min
Initial setting time	Average 8 hours
Final setting time	24 hours
Recoating time	18 hours
Full hardness	7 days
Rate of use	Average 250 : 275 g / m <sup>2</sup> Average paint thickness is ( 150 micron )

## Application instructions: -

**Note:** New Concrete should be at least 28 days old and surface moisture should be less than 4%.

- Metal surfaces are cleaned by sanding or using abrasive methods to remove any traces of rust.
- The substrate must be cleaned well, and free from dust, oils, grease, and friable particles.
- A preparatory layer of Power Poxy primer product is applied to concrete, cement, or wooden surfaces.
- For metal & iron surfaces, applying one coat of Power Shield Primer before using Power Floor is preferred.

## Mixing and Apply

- Stir compound [A], then add the entire content of compound [B] and mix the mixture well using a slow-speed mechanical mixer (300 RPM) until homogeneity.
- If the mixture needs thinning, it is gradually thinned with [Power solve SF] thinner, with a ratio not exceeding an average of 7% of the total weight.
- Apply the product using a brush, an epoxy roller, or an air spray gun.
- At least 18 hours must be elapsed before painting a second coat.
- To enhance skid resistance, spray the floor surface after painting the first coat with a layer of clean sand, diameter [0.25:0.750 mm], at a rate of approximately 1 kg/m<sup>2</sup>. Then apply the second coat.
- Please, follow up mixing ratio printed on product packaging.

### **Safety precautions: -**

- The product should be applied in a well-ventilated area.
- Gloves, protective clothing, and eye goggles should be worn during application.
- Never eat, drink, or smoke during application.
- In case of skin contamination, wash the contaminated area with water and soap.
- In case of eye contamination, immediately wash with abundant lukewarm water and consult a doctor immediately.
- Avoid spilling residues of the product into any watercourse or soil.
- Dispose of product residues or empty containers according to local environmental regulations.

**Packages: -**

2 Kits [A + B] [1, 4, 20 kg].

**Storage: -**

The product should be stored for two years in tightly sealed containers and under appropriate storage conditions.

For more information or inquiries, Visit our website.

[Power-cp.net](http://Power-cp.net)

**Disclaimer:** The technical data provided herein is accurate and correct as of the publication date and is subject to change without prior notice. The information in this datasheet is not exhaustive. Application conditions should comply with those mentioned in this datasheet. The company is not responsible for any losses resulting from application under differing conditions.

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