



DOCTOR PAINT'S

Floor Protective Coatings

Product Technical Data Sheet

Product Description

DP FLOOR 301 SL is a solvent-less epoxy floor coating with smooth, self-levelling finish for use in industrial and commercial environments.

Intended Uses

It is used to enhance durability and floor surface finish. It is suitable for Pharma, Engineering, Steel, Packaging, Electronics, Food & Beverages, Hospital and other industries.

Product Information

Chemical Base	: SL Epoxy Amine
Colour	: Range
Surface Finish	: Glossy
Consumption	: 1.6 kg/m ²
Thickness	: 1 mm
Recoating Interval	: 15 hrs
Curing	: 7 days
Temperature Resistance	: -5 to 120° C
Water Permeability	: Impermeable
Chemical Resistance	: Provided on request
Abrasion Resistance	: 27 mg/1000 cycles
Bond Strength	: >1.5 MPa
Compressive Strength	: 92 MPa
Tensile Strength	: 10.06 MPa
Shore D Hardness	: 81

Requirements

Concrete or screed substrate should be a minimum of 25 N/mm².

Application Procedure

Carry out preparatory work and application in accordance with Doctor Paints or its approved applicator's instructions.

Primer or primer along with base coat should be applied prior to application of this product.

Use a stirrer, DO NOT MIX BY HAND. Stir the components thoroughly before mixing them in the given ratio. Mix resin and pigment first, add filler and stir it well. Lastly mix it with a hardener and use

it before transferring it to a pot. Application is done by pouring the mixture on the surface and spreading it with the help of a notch trowel. The laid mixture should be rolled with the help of a spike roller to remove any trapped air bubble.

Do not apply when the temperature falls below 10°C or when relative humidity rises above 90% or during rain, fog or mist.

Substrate must be 3°C above the dew point to reduce the risk of condensation.

Mixing Ratio	: 3:1:6:0.5 by wt
Pot Life	: 30 min
Cleaner	: Any thinner

Contact our customer service team or send in your enquiries via our website: www.doctorpaints.net

Typical Systems

Primer	Intermediate	Top Coat
DP FLOOR 303	DP FLOOR302	DP FLOOR 301 SL

Safety Consideration

For more information, please refer to the separate Material Safety Data Sheet available with detailed information.

Please consult our technical advisors for any technical assistance.

Pack Size	Pack Contents
15.5 kg	4.4 kg resin (part A), 1.6 kg hardener (part B), 9 kg filler (part C) and 0.500 g pigment (part D)

Storage

Shelf life	12 months at 25°C. Store in dry and shaded conditions away from heat sources.
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Disclaimer: These specifications represent the quality of our product in general and may vary from batch to batch and producer to producer. If you are looking for particular specifications, please call our office or email.

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