

Floseal SF500

Medium to heavy duty Solvent Free Epoxy Floor coating

Floseal SF500 is a two component, solvent free epoxy floor coating which can be easily cleaned and has high surface hardness, mechanical and chemical resistances. It provides a medium gloss, seamless surface that is hard wearing and durable. It has an excellent wear and tear resistance and suitable for medium to heavy duty industrial and decorative flooring. It has great resistance to chemicals, acids and solvents. The coating can also be applied to provide a non-slip texture and may be top coated if required.

Features & benefits:

- High chemical and physical resistance
- Excellent compressive strength
- Excellent flexural and tensile strength
- Seamless, dust free and easy to clean.
- Dense corrosion resistant surface
- Excellent long term protection and cost effective

Typical Application:

- Factories
- Warehouses
- Shopping centers
- Workshops
- Aircraft hangars
- Schools and hospitals
- Pharmaceutical and food industries
- Laboratories
- Car park flooring
- Areas where heavy forklifts and corrosive chemicals are of concern

Technical data :

Finish	: Smooth and Semi Gloss
Coverage	: 4-5 m ² /ltr/coat
Pot life	: 30 mins @ 25°C
Surface Dry	: 4 hours
Dry to handle	: 24 hours
To cure	: 7 days

Recommended system:

Concrete Floors

- Floprime primer – 1 coat
- Floseal SF500 – 2 coats

Car Park flooring

- Floprime primer – 1 coat
- Floseal SF500 – 1 coat
- Anti Slip Grit – High quality of quartz sand of 0.2-0.6 mm size
- Floseal SF500 – 1-2 coats

Packaging : Base – 15 ltr
Hardener – 5 Ltr

Surface preparation:

Concrete surface to be laid must be flat and roughened and cured for 28 days. Remove laitance preferably by using Blast tracking machine or diamond grinding machine with vacuum sucking off the dust. Weak, cracked, broken sections in the concrete floor must be repaired using Duracoat Epoxy Filler.

Application procedure:

Add component B into component A and stir the mixture for a period of 3 minutes using a low speed (300-400 rpm) electric mixer until the mixture becomes homogenous. Avoid stirring more than necessary in order to minimize entrapped air inside the mixture.

Apply Floseal SF500 on to floor already primed with Duracoat Floprime Primer with roller.

Apply anti slip grit of 0.2-0.6 mm size at the rate of 0.8 to 1.2 kg /m² immediately after applying the basecoat. After 24 hours curing, sweep off the excess grit. Apply Floseal SF500 top coat.

Precautions

- Do not use water or steam in the vicinity of the application. Moisture can seriously affect the working time and other properties.
- Application equipment must be cleaned immediately after use with scouring pads and Epoxy thinner.
- Avoid contact with all liquid amine and resin as they may cause skin and/or eye irritation.
- The use of safety glasses and impervious gloves is required during mixing and application.
- Use only with adequate ventilation.