
Duracoat Floseal SL

Features

- High Gloss
- Easy to clean and maintain
- Excellent adhesion and wear resistance
- Very good chemical resistance
- Provides long lasting protection to concrete
- Excellent impact resistance

General Description

Duracoat Floseal SL is a Self-Leveling Epoxy floor coating system for protection of concrete floors where a smooth, seamless, dense, impervious finish with good stain resistance is required. Floseal SL is formulated for ease of maintenance, superior impact resistance and toughness.

Recommended for

Food and beverage processing facilities, industrial and commercial warehouses, laboratory floors, pharmaceutical plants, power plants, hospitals & restrooms.

Limitations

Do not apply when the temperature is below 10°C.

Product Information

Finish: Hi Gloss	Application	Notched Trowel, Spike Roller
Technical Assistance: If in doubt please contact our Technical department on 6823555/954	Thinning	Add hardener to base and mix slowly for 90 seconds. Immediately add aggregate and mix slowly for another 90 seconds. Do not mix at a highspeed, as air entrainment will occur. Floseal SL is ready for use immediately after mixing base, hardener and aggregate; no induction time is required. Do not mix more material than can be applied within the pot life. Material which has begun to set cannot be used and must be discarded.
	Pot Life	After mixing, Floseal SL will have a working time of approximately 20 mins at 21°C. The working time will vary depending upon temperature.

Technical Data

Compressive strength ASTM C 579, 2001	>80 N/mm ²
Flexural strength ASTM C 580/BS 6319-Part 3	>30 N/mm
Tensile Strength ASTM C307/BS 6319-Part 7	>20 N/mm ²
Abrasion Resistance ASTM D 4060	Max. 0.1gm loss per 1000 cycles, CS17 Wheel, 1kg wt
Pull of Adhesion Test (Bond Strength) ASTM D4541, 2002	Greater than the cohesive strength of the concrete.
Early water resistance	Excellent

Surface Preparation

Concrete must have sufficient profile to achieve satisfactory adhesion of primer and top coat. Concrete must be in sound condition and free of laitance, dust, oil and other contaminants. New concrete must cure minimum of 28 days prior to application of any coatings. Apply one coat of Floprime Sealer before applying Floseal SL.

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.

Application

Pour the mixed Floseal SL onto the floor in a bead. Distribute the material using the appropriate notched trowel pertaining to the desired finished thickness. Roll with a spiked roller to aid air release and to improve appearance.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

Refer to MSDS for additional health and safety information

Disposal information:

Dispose of in accordance with County regulations. Dry, empty containers may be given to scrap dealers for recycling.

Disclaimer

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