ICB WATERPROOFING
Datasheet

Fleet Sealer Coat

Pebble Grey

The Fleet Sealer Coat is used as a wearing layer for Fleet systems. It is a high-grade, mechanically durable finish and can be used for creating patterns or lettering. Different toppings can be applied to achieve the desired slipresistant properties.

PROPERTIES AND ADVANTAGES

- Toppings (chips, sand) can be applied to create the desired slip resistant properties
- Abrasion-resistant
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Easy and fast application
- Fast-curing
- Solvent-free

AREAS OF APPLICATION

Fleet Sealer Coat is used as a finish on most Fleet systems. The appropriate slip resistant properties are achieved by using different toppings.

PRODUCT FEATURES
Material 2-component, fast-reactive, pigmented and filled PMMA-based (polymethyl methacrylate) coating

PACKAGING	
Summer 10.00 kg Fleet Sealer Coat 0.20 kg Catalyst (2 x 0.1 kg) 10.20 kg	Winter: 10.00 kg Fleet Sealer Coat 0.40 kg Catalyst (4 x 0.1 kg) 10.40 kg

APPLICATION CONDITIONS
Temperatures The product can be applied within the following temperature ranges:

PRODUCT	TEMPERATURE RANGE IN °C		
	Air	Substrate*	Material
Fleet Sealer Coat	-5 to +35	+3 to +40*	+3 to +30

* The substrate temperature must be at least 3 °C above the dew point during application and curing

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MOISTURE

The relative humidity must be ≤ 90%.
The surface to be coated must be dry and ice-free.
The surface must be protected from moisture until the coating has hardened.

STORAGE

Store products sealed in their original airtight container and in a cool, dry and frost-free place. Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight.

REACTION TIMES AND REQUIRED AMOUNTS OF CATALYST

	Fleet Sealer Coat (at 20 °C, 2% catalyst)
POT LIFE	approx. 15 minutes
RAIN-PROOF AFTER	approx. 45 minutes
CAN BE WALKED ON / OVERCOATED AFTER	approx. 60 minutes
CURING TIME	approx. 3 hours

Higher temperatures or greater proportions of catalyst will reduce reaction times, while lower temperatures and smaller proportions of catalyst will increase reaction times.
The following table indicates the recommended amount of catalyst required to adjust the curing reaction to the temperature.

PRODUCT	Substrate temperature in °C; required amounts of catalyst in % w/w (guide)												
Fleet Sealer Coat	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
	N/A	N/A	4%	4%	4%	2%	2%	2%	2%	1.5%	1.5%	N/A	N/A

CONSUMPTION RATES

Smooth: 0.60 kg/m2
Topped areas (depending on particle size): 0.60 – 0.80 kg/m2

TECHNICAL DATA

Density: 0.60 kg/m2
(The Density will vary with the colour): 1.04 to 1.20 g/cm^3

PRODUCT APPLICATION ; EQUIPMENT / TOOLS

For mixing the product:
- Twin-Paddle stirrer

For applying the product:
- Finishing roller (sheepskin roller, minimal shedding)
- Rubber blade, hard (for applying finish to topped surfaces)

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SUBSTRATE PRE-TREATMENT

Fleet Sealer Coat can be applied either to the hardened Fleet Primer or to the hardened Fleet Self-levelling Mortar, as required.

MIXING

First stir the tub contents thoroughly.
Then add the catalyst while stirring at the slow-speed setting and mix for 2minutes.
Make sure that the product on the base and sides of the container is mixed in.
At product temperatures < 10°C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

APPLICATION

Use the finish roller to apply an even layer of the mixed material (approx. 0.6kg/m2). Avoid fluctuating layer thicknesses.

FINISH DESIGN OPTIONS

Top the freshly applied, still liquid finish with dry quartz sand.
Particle sizes of between 0.2 and 0.6 mm or 0.7 and 1.2 mm can be used, depending on the desired roughness.
Vacuum off the loose sand once the finish has hardened and then apply a final coat of finish with a sheepskin roller to cover the entire area.
For an enhanced appearance the first coat of finish can also be applied using a hard rubber blade and smoothed over with the finish roller (depending on the particle size of the topping approx. 0.60 – 0.80 kg/m2).
To achieve the desired texture, go over the area with a sheepskin roller.
Use a hopper gun to apply Fleet Deco Chips to the freshly applied finish while it is still wet. A maximum of 50 g/m2 can be applied, depending on the look you want to achieve.
There should not be any excess chips (surface completely covered with chips) at any point. This could lead to reaction problems.

CLEANING

If work is interrupted or when it is completed, clean the tools thoroughly with Fleet Cleaning Agent within the pot life of the material (approx. 10 minutes). This can be done with a brush. Do not use the tools again until the Cleaning Agent has evaporated fully.
Simply immersing the tools in the cleaning agent will not prevent the material from hardening.
Please refer to the safety data sheets for the products used.
The above information, especially information about application of the products, is based on extensive development work as well as many years of experience and is provided to the best of our knowledge.
However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.

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