

STRATOS 71

FLOOR PAINTING

USE

STRATOS 71 is a pigmented PMMA based resin used for floor painting on PMMA or bituminous (mastic asphalt, asphalt concrete,...) substrates.

STRATOS 71 allows to create coloured non-slip floor markings and wearing layers for light traffic areas like side walks and cycle paths.

STRATOS 71 has following properties:

- high resistance to abrasion;
- lasting weather resistant;
- UV, hydrolysis- and alkali-resistant;
- solvent free.

With the appropriate primer, STRATOS 71 can also be applied to cement-bound substrates.



DESCRIPTION

STRATOS 71 is a 2-component pigmented PMMA based resin pre-filled with quartz sand. The reaction is activated by adding the catalyst ALSAN CAT (sold separately).

ADVANTAGES

- Quick to apply
- UV resistant
- Abrasion resistant

APPLICATION

Application conditions

Temperature: +5 °C min. to +35 °C max.

Relative humidity: 90 % max.

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

Adequate ventilation must be installed in enclosed spaces.

The substrate must be prepared to ensure it is sound, dry and free from adhesion-reducing residue.

Asphalt and asphalt concrete substrates do not require a primer. On concrete substrates, the use of ALSAN REKU P70 is necessary.

Stir the product thoroughly until a smooth consistency is achieved. Transfer the required amount into a clean mixing tub. Add the corresponding quantity of catalyst (see table with required amounts of catalyst) and mix at slow-speed for at least 2 minutes until a homogeneous consistency is achieved.

On large surfaces, the product is applied with a notched rubber squeegee. The desired texture and roughness can be created by using a textured or smooth roller.

For line-marking, the product can be applied with a roller on areas previously delimited by stencils or adhesive tapes.

In any case, the application must be completed within 10 minutes after mixing.

ADDITIONAL INFORMATION

Consumption

± 2 to 2,5 kg/m² depending on the nature of the substrate

Reaction time (23 °C)

Pot life: ± 15 minutes

Overlayable: ± 60 minutes

Reopening to traffic: ± 180 minutes

Required amounts of catalyst:

The quantity of catalyst depends on the quantity of product and the temperature.

Table for 15 kg STRATOS 71

Stir for at least 2 minutes.

Temperature [°C]	Catalyst [g]	Catalyst [%]
0	450	3,0
5	450	3,0
15	300	2,0
20	300	2,0
25	300	2,0
35	225	1,5

Cleaning

Clean the tools thoroughly with ALSAN System cleaning agent within the pot life of the material. Cured product can be removed mechanically.

Colours

various colours available on request

Storage, transportation & storage life

In its original unopened package stored in a cool, dry and frost-free place, the unmixed product has a minimum shelf life of 12 months.

Avoid, also on site, exposure of the containers to direct sunlight.

Opened packaging has a shortened shelf life and may gel prematurely.

CHARACTERISTICS

Technical characteristics	Standard	Unit	Value
Density (23 °C)	EN 1849-1	g/cm ³	1,2
Viscosity		mPa.s	5000
Bond strength	EN 13892-8	N/mm ²	1,5
Slip resistance rating	DIN 51130 CEN/TS 16165		R12
Minimum volume displacement index	DIN 51130 CEN/TS 16165		V4
Packing			STRATOS 71
Bucket		kg	15
Buckets/pallet			45

The catalyst ALSAN CAT is sold separately

SPECIAL INDICATIONS

HYGIENE, HEALTH AND ENVIRONMENT

For more information, please refer to the relevant safety data sheet.

QUALITY-, ENVIRONMENT- AND SAFETY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.