

# STRATOS 78

## RESIN FOR RAPID REPAIR

### USE

STRATOS 78 is fast curing PMMA based mortar used for road repair.

STRATOS 78 can be used for:

- patch and smoothen substrate defects and cracks,
- repairing junctions around manholes,
- repairing small potholes.

STRATOS 78 is particularly suitable for repairs with rapid recirculation.

STRATOS 78 can be applied in several layers. Depending on the application and the desired hardness, the wet product can be topped with dry quartz sand, crushed aggregates or bauxite.



### DESCRIPTION

STRATOS 78 is a 2-component unfilled anthracite PMMA based resin. The reaction is activated by adding the catalyst ALSAN CAT (sold separately).

### ADVANTAGES

- Quick to apply
- Fast curing
- Immediate traffic circulation possible

### APPLICATION

#### Application conditions

Temperature: +5 °C min. to +40 °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.

Pour the mortar onto the prepared substrate, compact and finish with a smoothing trowel. The application must be completed within 5 minutes after mixing.

In case of a total layer thickness more than 10 mm, the mortar must be applied in two operations to avoid shrinkage. Depending the needs, the wet product can be topped with dry quartz sand.

Note: Make sure the mortar is worked well and compacted into the outlines.

Please note that elasticity decreases with increasing layer thickness.

## FURTHER INFORMATIONS

### Consumption

± 1,5 kg/m<sup>2</sup> per mm layer thickness

### Reaction time (23 °C)

Pot life: ± 15 minutes

Reopening to traffic: ± 2 hours

### Required amounts of catalyst:

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

Table for 15 kg STRATOS 78

Stir for at least 3 minutes.

Temperature [°C]	Catalyst [g]	Catalyst [%]
0	300	2,0
5	300	2,0
10	150	1,0
15	150	1,0
20	150	1,0
25	150	1,0
30	150	1,0

### Cleaning

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

### Colours

RAL 7016 Anthracite Grey

### 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 <sup>3</sup>	1,51
<b>Packing</b>			<b>STRATOS 78</b>
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**.