STONE CARPET · POLYASPARTIC

Lunicfloor SC 200 2K

UV-resistant polyaspartic binder for stone carpets

APPEARANCE
Transparent
UV-resistant binder

100 %	20–30 min	4–6 h	7 days	94 : 6
Solids	Pot life	Dry time	Complete curing	Granules : binder (by weight)

Product description

LUNICFLOOR SC 200 2K is a specially developed, two-component, solvent-free polyaspartic resin system with high UV resistance. It is the preferred binder for stone carpets made with quartz minerals and similar stone aggregates.

Application areas

- Stone carpets with quartz and similar stone aggregates
- Walking paths
- Bicycle paths
- Outdoor floor coverings where water permeability is required

Advantages

- High UV resistance
- Solvent-free – 100 % solids
- Preferred binder for quartz stone carpets
- For water-permeable outdoor floors

Position in the system

Stone carpet — THIS PRODUCT
LUNICFLOOR SC 200 2K · 6 parts per 94 parts granules

Aggregate
Quartz / stone granules 2–4 mm

Substrate
Sound, prepared base

Stone carpet systems

Quartz and stone aggregate floors · water-permeable

Technical data (at +20 °C)

Colour – component A	**Transparent, slightly yellow**
Colour – component B	**Transparent, colourless**
Density A (25 °C)	**1.06 ± 0.01 g/cm³**
Density B (25 °C)	**1.17 ± 0.01 g/cm³**
Viscosity A (25 °C)	**700 ± 100 mPa·s**
Viscosity B (25 °C)	**1200 ± 200 mPa·s**

Solids	**100 %**
Mixing ratio (by mass)	**60 A : 40 B**
Mixture viscosity	**1000 ± 200 mPa·s**
Pot life	**20–30 min**
Dry time	**4–6 h**
Complete curing	**7 days**

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Application procedure

01
Mixing
Weigh component B onto component A and mix for 1–2 min.

02
Aggregate
Add the mixture to quartz stone or aggregate of suitable grain size and mix at low speed for 2–3 min until homogeneous.

03
Application
Apply with light pressure using a flat trowel or spreader. Do not let thinners or solvents contact the resin–aggregate mix.

04
Working time
The mix heats up – apply within 20–25 min. Prepare only what can be used completely.

Mixing ratio (by mass)



60 parts
Component A

40 parts
Component B

Stone carpet: 94 parts stone granules 2–4 mm : 6 parts LUNICFLOOR SC 200 by weight.

Ideal temperature
+15 °C – +25 °C
Ideal application temperature for LUNICFLOOR SC 200.

Consumption
94 : 6
Stone granules 2–4 mm : binder, by weight.

Working time
20–25 min
After mixing – the resin system heats up.

Important: never use water or alcoholic solvents as cleaners on uncured material.

Packaging
- 20 kg buckets
- 200 kg drums on request

Storage
- Store in original unopened packaging in closed, dry areas at +15…+35 °C.
- Shelf life: 12 months from production.
- Protect from sunlight and frost.

Safety
- Not hazardous; contains no formaldehyde, asbestos, mercury, lead or chromate.
- See the Material Safety Data Sheet (MSDS).

Cleaning
- Clean reusable tools carefully with suitable solvents (e.g. butyl acetate) before curing.
- Never use water or alcoholic solvents on uncured material.

LEGAL NOTE

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