



Technical Data Sheet

POXICRET-1K

Art.-No. 2 05547

Paving grout

Properties:

- PU based.
- Solvent free.
- Colourfast.
- Light resistant.
- Low odour.
- Not sensitive to moisture.
- Water permeable.
- Freeze/thaw resistant.
- Environmentally friendly.
- Long working time.
- Easy to use.
- High compressive and flexural strength.
- Free from the formation of carbamate.
- Can be pressure washed.
- Ready to use.
- For joints from 3 mm.

Areas of application:

POXICRET-1K is suited for grouting natural stone pavers, concrete block pavers, slabs and clinker finishes in entrances, terraces, garden paths etc subject to pedestrian traffic.

Technical Data:

Basis:	1 component polyurethane resin
Colour:	sand colours (grey and basalt on enquiry)
Viscosity:	mortar like
Density:	approx. 1.40 g/cm ³
Working time:	approx. 2 hours at +20 °C and 65% relative humidity
Curing temperature (material/substrate):	+5 °C to +35 °C
Traffic after:	approx. 12 hours at +20 °C
Fully cured:	after approx. 7 days at +23 °C
Compressive strength:	approx. 39.5 N/mm ²
Flexural strength:	approx. 13.5 N/mm ²

Water permeability:	Permeable
Cleaning:	Thoroughly clean tools immediately after use with AQUAFIN-Reiniger
Packaging:	25 kg containers
Storage:	cool and dry, above +10 °C, 12 months in the original unopened container. Use opened containers promptly.

Substrate:

- Old and new pavers.
- Slabs and clinker finishes.
- Decorative paved areas.
- Joint widths minimum 3 mm.
- Joint depths minimum 30 mm.

The area to be treated must be:

- dry, sound, load bearing and have a good grip
- free from separating and adhesion inhibiting
substances such as dust, laitance, grease, rubber
marks and similar.

Use suitable means to prepare the substrate dependent on its condition such as e.g. brushing, sweeping, vacuuming, high pressure water jetting. In heavy duty areas the blocks must be laid in a stable mortar bed. A stable sub-base suitable for the application must be present.

Product preparation:

Before using shake the binder contents, within the container, into the quartz sand mix and thoroughly blend. Place the pre-mixed mortar into a separate clean mixing vessel and mix once again. Mixing should be carried out with a suitable mixer at approx. 300 rpm (e.g. drill with mixing paddle). The material temperature should be +15 °C during mixing. In heavy duty areas the blocks must be laid in a stable mortar bed. A stable sub-base suitable for the application must be present.

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Methods of application / consumption:

Spread the prepared paving grout POXICRET-1K onto the surface of the pavers and sweep evenly into the prepared joints with a medium stiff-bristled brush.

After grouting a fine thin binder film remains on the surface of the pavers, that appears more intensive than the paver colour and leaves a temporary protection behind against moss growth and contamination.

Consumption, approx. indications

	Length (mm)	Width (mm)	Joint width (mm)	Consumption (kg/m ²)
Large pavers	120	120	10	7.5
	120	180	10	6.5
	140	140	10	6.7
	140	200	10	6.0
Small pavers	80	80	10	11.4
	90	90	10	10.3
	100	100	10	9.0
Mosaic	40	40	10	20.0
	50	50	10	16.0
	60	60	10	14.5

Health and safety:

Once cured POXICRET-1K is harmless. When using this product the government health and safety protective directive, data sheet M 023, should be observed as well as the advice on the packaging.

Important advice:

- Higher temperatures in combination with high humidity shorten the pot life and setting time. Lower temperatures in combination with low humidity increase the pot life and setting time.
- Dependent on tamping and method of application and finishing of the grouting, the grouted joints may rub out up to 2 mm.

- When filling narrow deep joints > 30 mm, it is not possible to produce a stable compact joint at the bottom. Unstable joints with large void areas are formed that may lead to frost damage in winter.
- Applications that are not clearly explained in this technical data sheet may only be carried out after consultation with and written confirmation from the Technical Services Department of SCHOMBURG GmbH .

Please observe a valid EU safety data sheet.

GISCODE: PU40