

PRODUCT DATA SHEET

Parex Kerbfix

2-component, polyester-based, rapid setting, high-performing bedding mortar

DESCRIPTION

Parex Kerbfix is a 2-component, polyester resin based, bedding mortar used for the bedding and fixing of paving units where same day trafficking and/or exceptional bond is required. Available in Winter and Summer formulations to allow for a temperature range of application between 0°C and 35°C.

USES

- Bedding of paving units.
- Fixing mortar for kerb units.
- Where rapid return to service and/or exceptional bond is required.
- Paved areas, driveways, ramps, parking areas, cycleways, walkways, etc.

CHARACTERISTICS / ADVANTAGES

- Strong bond to a wide range of substrates (concrete, asphalt, etc.).
- Can be applied in damp conditions.
- User-friendly pre-packed units.
- Easy to mix and apply.
- Complements Sika/Parex Streetscape Range.
- High early strength gain, allowing same day opening.
- Suitable for all trafficked areas.
- Can withstand high lateral loading, making it ideal for securing containment kerbs.

PRODUCT INFORMATION

Composition	Polyester resin	
Packaging	Pre-batched unit	14kg (A + B)
Shelf life	18 months from date of manufacture	
Storage conditions	Stored properly in original, unopened, sealed and undamaged packaging in dry conditions at temperatures between +5 °C and +25 °C. Protect from direct sunlight.	
Appearance and colour	Concrete grey	
Density	~1900kg/m ³	

TECHNICAL INFORMATION

Compressive strength	2 hours	~25N/mm ²
	6 hours	~70N/mm ²
	8 hours	~76N/mm ²
	24 hours	~80N/mm ²
Typical values at 20°C		

Modulus of elasticity in compression ~15kN/mm²

Tensile strength ~12N/mm²

APPLICATION INFORMATION

Yield Each 14kg unit will yield approximately 7 litres of mixed material.

Layer thickness Minimum: 2mm
Maximum: 25mm
For thicker sections apply in 25mm increments

Ambient air temperature Winter:
0°C min. / +25°C max.
Summer:
+10°C min. / +35°C max.

Substrate temperature +5°C min. / +25°C max.

Setting time	Temperature	25	15	5	0
	(°C)				
Set time (mins)		20	40	80	160

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- Minimum substrate temperature +5°C.
- Cold ambient, substrate or material temperatures will influence the curing characteristics.
- Avoid application if rain is scheduled.
- Do not thin with solvents. Solvents will prevent proper curing and change mechanical properties.
- Component B must be kept dry.
- Do not part mix. Mix full units only.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Laitance and all loose material including dust, oil and grease should be removed in order to produce a sound surface.

SUBSTRATE QUALITY / PRE-TREATMENT

Mark out areas where paving units are to be laid. Ensure that the surface is free from oil, grease, loose material and standing water to produce a sound, clean, dry or damp surface.

MIXING

Pour resin into polythene or rubber bucket. Add catalysed filler slowly whilst continuously mixing using a slow speed, high torque drill with paddle mixer. Continue mixing until a uniform consistency is obtained.

APPLICATION

Apply mixed mortar to the prepared substrate using a suitable trowel. Up to 25mm thickness of mortar may be placed in a single layer. Thicker beds should be placed in 25mm applications. Mortar should be well compacted onto prepared surface. Place the paving unit onto the mortar bed and press down into the required position. Any product extruded from beneath the units can be easily scraped and removed to create a clean and tidy finish.

CURING TREATMENT

Due to the chemical nature of the product no special curing is required.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Sika® Thinner C Cleaner immediately after use. Hardened / cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's cur-

rent knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

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