

# PRODUCT DATA SHEET

## Parex Kerbfix

### Bedding mortar

#### PRODUCT 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

#### CHARACTERISTICS / ADVANTAGES

- Strong bond to a wide range of substrates
- Easy to use pre packed units
- Complements Sika/Parex streetscape range
- High early strength gain

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Polyester resin	
<b>Packaging</b>	Pre-batched unit	14kg (A + B)
<b>Shelf Life</b>	6 months from date of manufacture	
<b>Storage Conditions</b>	Stored properly in original, unopened, sealed and undamaged packaging in dry conditions at temperatures between +5 °C and +25 °C. Protect from direct sunlight.	
<b>Appearance / Colour</b>	Concrete grey	
<b>Density</b>	~1900kg/m <sup>3</sup>	

## TECHNICAL INFORMATION

<b>Compressive Strength</b>	2 hours	~25N/mm <sup>2</sup>
	6 hours	~70N/mm <sup>2</sup>
	8 hours	~76N/mm <sup>2</sup>
	24 hours	~80N/mm <sup>2</sup>
Typical values @ 20°C		
<b>Modulus of Elasticity in Compression</b>	~15kN/mm <sup>2</sup>	
<b>Tensile Strength</b>	~12N/mm <sup>2</sup>	

## APPLICATION INFORMATION

<b>Yield</b>	Each 14kg unit will yield approximately 7 litres of mixed material.				
<b>Layer Thickness</b>	Minimum: 2mm Maximum: 25mm <i>For thicker sections apply in 25mm increments</i>				
<b>Ambient Air Temperature</b>	Winter: 0°C min. / +25°C max. Summer: +10°C min. / +35°C max.				
<b>Substrate Temperature</b>	+5°C min. / +25°C max.				
<b>Setting time</b>	<b>Temperature (°C)</b>	<b>25</b>	<b>15</b>	<b>5</b>	<b>0</b>
	Set time (mins)	20	40	80	160

## VALUE BASE

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

## LIMITATIONS

- 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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## 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 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.

## CURING TREATMENT

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

## CLEANING OF TOOLS

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

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## 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 current 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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