

PRODUCT DATA SHEET

Parex Bedding Mortar SF

High strength structural support mortar

PRODUCT DESCRIPTION

Parex Bedding Mortar SF is a cement based, one component powder mix including special shrinkage compensating components. The mixed material produces a mortar, which may be rammed into gaps between concrete units, without the use of shuttering, to create a supporting fill.

USES

- Bedding of precast units.
- Pointing joints.
- Filling lifting eyes.
- Placement in gaps to form a fill without the use of shuttering.

CHARACTERISTICS / ADVANTAGES

- Pre bagged for quality
- Chloride free
- Shrinkage compensated
- Easy to mix and apply
- Good mechanical properties

PRODUCT INFORMATION

Chemical Base	Portland cement, specially selected aggregates and shrinkage compensators.
Packaging	25kg bag
Shelf Life	6 months
Storage Conditions	Store in original unopened, sealed and undamaged packaging in dry and cool conditions.
Appearance / Colour	Grey powder
Density	2100kg/m ³

TECHNICAL INFORMATION

Compressive Strength	1 day	~16 N/mm ²	(EN12190)
	7 days	~36 N/mm ²	
	28 days	~58 N/mm ²	
Typical values @ 20 °C			

APPLICATION INFORMATION

Mixing Ratio	~3.0 - 3.25 L of water for 25 kg powder
Yield	The yield obtained is approximately 13 litres of mixed material.
Layer Thickness	10mm - 75mm for structural support. Down to 5mm for finishing.
Pot Life	~45 Mins @ 20 °C

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

- Avoid application in direct sun and/or strong wind and/or rain.
- Do not add water over recommended dosage.
- Apply only to sound, prepared substrates.
- Do not add additional water during the surface finishing as this will cause discoloration and cracking.
- Protect freshly applied material from freezing.

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 QUALITY / PRE-TREATMENT

Contact surfaces should be sound, clean and provide a mechanical key. Remove all loose material, plaster, paint and oily deposits.

The prepared surfaces should be pre-dampened. Remove any standing water before placing Parex Bedding Mortar SF.

MIXING

Pour the required quantity of water into a suitable mixing vessel. Slowly add the powder to the water whilst continuously mixing. Mechanical mixing is recommended. Suitable mixers include a slow speed high torque drill with a Mortar Stirrer or a forced action mixer such as Creteangle or Mixal. Mixing should be continued to form a mortar of consistency suitable for ramming into place.

APPLICATION

Place Parex Bedding Mortar SF firmly into the prepared gap. Use a suitable ramming tool to ensure complete filling of the gap and compaction of the mortar. Allow the mortar to stiffen then finish the exposed surface with a dampened steel trowel.

CURING TREATMENT

Curing of exposed surfaces should be undertaken in accordance with good concrete practice. Suitable methods of curing include water spray, polythene sheeting and spray applied concrete curing membrane such as Sikafloor® ProSeal W.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be mechanically removed.

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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