

PRODUCT DATA SHEET

Parex Dry Pack C

Dry packing mortar

DESCRIPTION

Parex Dry Pack C is a one component, cementitious mortar containing special shrinkage compensating components.

USES

- All dry packing applications.
- Support of precast concrete units.
- Placement in gaps to form a fill without the use of shuttering.
- Horizontal and vertical gaps.
- For external and interior use.

CHARACTERISTICS / ADVANTAGES

- Pre-bagged for quality and consistency.
- Easy to mix and apply.
- Shrinkage compensated.
- Vertical and horizontal application.
- Chloride free.
- Suitable for voids up to 100mm.
- Negates the need for shuttering, saving time and cost.

PRODUCT INFORMATION

Composition	Portland cement and special shrinkage compensators
Packaging	25kg bag
Shelf life	9 months
Storage conditions	Store in original unopened, sealed and undamaged packaging in dry and cool conditions.
Appearance and colour	Grey powder
Density	~2150 kg/m ³

TECHNICAL INFORMATION

Compressive strength	1 day	~20 N/mm ²	(EN 12190)
	7 day	~40 N/mm ²	
	28 day	~50 N/mm ²	
<i>Typical properties @ 20°C</i>			
Reaction to fire	Euroclass A1		

APPLICATION INFORMATION

Mixing ratio	2.0 to 2.5 L of water for 25kg powder
Yield	Each 25kg bag of Parex Dry Pack C will yield approximately 12 litres of mixed material.
Layer thickness	5.0 mm min. / 100 mm max.
Ambient air temperature	+5°C min. / +30°C max.
Substrate temperature	+5°C min. / +30°C max.
Setting time	Initial set: ~210 mins @ 20°C Final set: ~240 mins @ 20°C

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

- 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

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

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The concrete shall be thoroughly clean, free from dust, loose material, surface contamination and materials which reduce bonding to, or prevent suction or wetting by, repair materials. Delaminated, weak and damaged concrete, and where necessary sound concrete, shall be removed by suitable mechanical techniques, or very high pressure waterblasting. Tying wire fragments, nails and other metal debris embedded in the concrete should be removed where possible.

The concrete substrate should be pre-soaked with clean potable water prior to application of the mortar.

MIXING

Parex Dry Pack C can be mixed with a low speed (<500 rpm) hand drill mixer. For larger volumes (i.e. 2 to 3 bags, or more) mixed at once, a forced action mixer shall be used. The amount that can be satisfactorily mixed at a time will depend on the type and size of mixer used.

Pour the recommended amount of water into a suitable mixing container. Whilst stirring slowly, gradually add the powder to the water and mix thoroughly until homogeneous and the mortar has formed a consistency suitable for ramming into place.

APPLICATION

Place the Parex Dry Pack C mortar firmly into the prepared gap in layers. Use a suitable ramming tool to ensure complete filling of the gap and compaction of the mortar. Repeat this operation until the void is completely filled and compacted. Allow the mortar to stiffen then finish the exposed surface with a dampened steel trowel.

CURING TREATMENT

Protect the fresh mortar immediately from premature drying for a minimum of 3 days using an appropriate curing method (e.g. curing compound, moist geotextile membrane, polythene sheet, etc.).

Curing compounds shall not be used when they adversely affect subsequently applied products and systems.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use.

Hardened/cured material can only be mechanically removed.

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 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 war-

ranty 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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