

PRODUCT DATA SHEET

Parex Terracaulk 30

Cement based caulking mortar

DESCRIPTION

Parex Terracaulk 30 is a Portland cement based powder mix designed for easy mixing and placing in shafts and tunnel areas. The mixed product may be hand applied into caulking grooves within segmental concrete linings. Parex Terracaulk 30 may also be used to cap off bolthole pockets. Parex Terracaulk 30, once applied is easily finished to the required profile. The product is chloride free and is safe to use in contact with steel elements.

USES

- Caulking of pre-cast concrete segmental tunnel linings.
- Filling of bolthole entry points to protect steel bolt heads.

CHARACTERISTICS / ADVANTAGES

- Chloride free.
- Easily finished.
- Primerless application.
- Non-flammable.

APPROVALS / CERTIFICATES

Parex Terracaulk 30 has been tested in accordance with the appropriate parts of EN 12390.

PRODUCT INFORMATION

Composition	Portland cement
Packaging	25 kg bags
Shelf life	12 months from date of manufacture
Storage conditions	Store in original unopened, sealed and undamaged packaging in dry and cool conditions.
Appearance and Colour	Grey powder
Density	~1860 kg/m ³

TECHNICAL INFORMATION

Compressive strength	1 hour	~0.5 N/mm ²	(EN 12190)
	1 day	~7 N/mm ²	
	7 days	~14 N/mm ²	
	28 days	~23 N/mm ²	
Typical mortar values @ 20°C			

APPLICATION INFORMATION

Mixing ratio	4.75 - 5.0 litres per 25 kg bag
Yield	When mixed with 4.75 litres of water one 25 kg bag will produce approximately 16 litres of mixed material
Pot Life	~20 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.

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

Contact surfaces should be sound and clean, with all laitance, dirt and debris removed. No priming is necessary other than slight dampening of the contact surfaces to improve adhesion. Any standing water must be removed.

MIXING

Pour the required quantity of water into a suitable mixing vessel. Slowly add the powder to the water whilst continuously mixing. Mechanical mixing should be used if required, using a slow speed high torque drill with a Mortar Stirrer, or a forced action mixer such as a Cretriangle.

APPLICATION

Ensure contact surfaces are clean from dust and are dampened prior to placing the mixed mortar.

CURING TREATMENT

No specific curing is required. Placed material should be protected from drying out too quickly.

CLEANING OF EQUIPMENT

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

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

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 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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