

PRODUCT DATA SHEET

SikaGrout® PK

Non-Shrink Grout

DESCRIPTION

SikaGrout® PK is a non-shrink, flowing, cementitious grout with extended working time to suit local ambient temperatures.

USES

SikaGrout® PK is suitable for the following grouting works :

- Pouring or pressure grouting of formed - up smaller structural repairs
- Grouting of column or similar size base plates
- Anchor bolt pockets in building
- Gravity grouting of cavities, gaps, recesses, etc.

CHARACTERISTICS / ADVANTAGES

- Good flowability
- Good dimensional stability
- High early strengths
- No Segregation or Bleeding (ASTM C232)
- Nontoxic, non-corrosive
- Ready and easy to use
- Economical

PRODUCT INFORMATION

Packaging	25 kg/ bag
Appearance / Colour	Grey Powder
Shelf life	9 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry conditions, protected from direct sunlight.

TECHNICAL INFORMATION

Compressive strength	Time	Water content	Water content	(ASTM C109)
		(16%)	(17%)	
	12 hrs.	160	140	
	1 day	280	260	
	7 days	450	400	
	28 days	550	500	

Note : Test at 28 °C in lab condition

APPLICATION INFORMATION

Mixing ratio	Approx. 2.22 kg of powder for one liter of mortar.		
Consumption	1 m ³ of mortar 75 x 25 kg bags depending on consistency desired.		
Flowability	Water content (%)	Consistency J-rote (Seconds)	
	16	<12	
	17	<9	
Setting time	Water content (%)	Initial	Final (ASTM C807)
	16	~ 5:30	~ 6:00
	17	~ 5:45	~ 6:15

Note: Test at 28 °C in lab condition

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete surfaces should be clean, sound and free from oil, greases, laitance and loose particles.

Metal surfaces (iron and steel) should be free from scale, rust, oil and grease.

Absorbent substrates must be saturated thoroughly, but no standing water.

MIXING

Powder should be added to the pre-gauged water to suit the desired consistency.

Approx. 4.00 - 4.25 litres of water per bag (16 - 17% by weight) of SikaGrout® PK is recommended to be used.

Mix mechanically with a low speed drill (max.500 RPM) with a disc agitator attached, until a smooth, even consistency is achieved.

APPLICATION

Pour mortar after mixing. Ensure, that air entrapped into the grout is allowed escape. SikaGrout® PK is not recommended for larger base plate grouting and grouting of rotary equipment. Make sure that necessary formwork is firmly in place and watertight.

CLEANING OF EQUIPMENT

Clean all tools and equipment with water immediately after use. Hardened mortar can only be mechanically removed.

IMPORTANT CONSIDERATIONS

Use SikaGrout® PK for grouting: Gap 5 mm – 50 mm. At temperatures lower than 20°C setting time and strength gain will be slower. Normal curing practice should be observed for at least 3 days. Not to be used as screed / overlay on concrete floors.

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.

LOCAL RESTRICTIONS

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

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related 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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