

Kemrepair VC

A Shrinkage Compensating, Non-Sag, Cement-Base Repair Mortar

Description	Kemrepair VC It is a shrinkage compensating, non-sag, fast setting, cement-base, with calcium Sulpho Aluminate cement, O.P.C. and rheology adjusters producing a mortar with enhanced workability, mechanical performance, non-drying shrinkage cracks & waterproof.
Where to use	<ul style="list-style-type: none"> • It can be used to the following applications: • Concrete and masonry repairs. • Floor screeds. • Tiles and bricks, bedding and jointing. • Renders. • Concrete resurfacing.
Advantages	<ul style="list-style-type: none"> • Shrinkage compensating. • Accelerated setting and hardening. • Excellent adhesion & waterproofing. • Resistant to carbonation and chemical attack. • Chloride free.
Properties	
Compressive strength	
1 Day	30 N/mm ²
7 Days	42 N/mm ²
28 Days	48 N/mm ²
Linear Shrinkage 28 Days	0.026 %
Initial Setting Time	15 minutes
Final Setting Time	35 minutes
Wet Density	2.25 Kg / L
Complies with BS EN-196-1,12617-4	
Surface Preparation	<ul style="list-style-type: none"> • All surfaces should be sound, clean and free from laitance, grease, oil, and foreign matters. • Saturate prepared surface with clean water with no running water. • Apply a bonding agent Kemseal VC or Kemlatex SBR as wet on wet application will be preferred.
Mixing	<ul style="list-style-type: none"> • Add 2.9 liters of potable water to the 25 powder bag gradually. • Mix mechanically to obtain a homogeneous mix.
Application	<ul style="list-style-type: none"> • Apply the mortar with hand applied or a trowel. • Apply in successive layers where a build-up is imposed. • Apply a wet on wet mortar, or allow initial set (1-2 hrs.) before applying next layer. • Cure with clean water for 3 days or use curing compound.
Theoretical coverage	11.25 Kg/m ² / 5 mm thickness.
Packaging	25 Kg Bags
Shelf life & Storage	12 months in its original sealed packs stored in proper conditions.

Health and Safety

- Use gloves when handling dry powder.
- Do not breathe dust.
- Use a practical mask.
- Eye contamination must be washed immediately with clean water.
- Working areas should be well ventilated.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction.

PROKEM reserves the right to change the properties of its products.
All orders are accepted subject to our current term of sale & 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.

PROKEM extends technical services to include after sales support to assist users in a proper handling of our products. .