

PRODUCT DATA SHEET

Sika® Cracksil

READY TO USE CRACK FILLING POWDER

DESCRIPTION

Sika® Cracksil is a ready to use non-shrink repair mortar for non-moving cracks in plasters and walls providing self-curing and excellent adhesion with substrate both for vertical and horizontal application.

USES

- For repairing cracks on RCC surfaces, plasters and masonry walls
- Suitable for both vertical and horizontal applications in buildings, toilets, balconies etc. wherever hairline cracks are observed

CHARACTERISTICS / ADVANTAGES

- Only water to be added
- Non-shrink
- For both internal and external surfaces
- Hairline cracks should be opened to at least 1mm for ease of application
- Can be applied on damp surfaces but not on cracks with running water
- Non-staining
- UV resistant.
- For non-moving cracks upto 5mm wide in plasters and walls
- Self-curing and excellent adhesion with substrates both for vertical and horizontal application
- Not suitable for typical stress cracks at junctions of wall and columns, lintel beam and masonry etc. where Sikaflex® Construction(J) should be used

PRODUCT INFORMATION

Chemical Base	<u>Chemical Base</u> : Cementitious mortar modified with polymers
Packaging	1kg
Colour	White powder
Shelf Life	Best before 6 months if stored in undamaged and unopened original sealed containers, in dry conditions and protect from direct sunlight at temperatures between +10°C and +40°C.
Storage Conditions	Best before 6 months if stored in undamaged and unopened original sealed containers, in dry conditions and protect from direct sunlight at temperatures between +10°C and +40°C.
Density	<u>Bulk Density</u> : 0.85 kg/l at 27°C
Consumption	1kg powder covers approx 30-40 metre length of crack for an average groove size 6mm x 6mm(V shaped)

SUBSTRATE QUALITY

Clean, sound and dry, homogeneous, free from grease, dust and loose particles.

SUBSTRATE PREPARATION

Paint, laitance and other poorly adhering particles must be removed. Standard construction rules must be observed.

APPLICATION METHOD / TOOLS

Develop the crack in 'V' shaped groove, clean the prepared groove by sprinkles of water to remove loose particles. Take 300-360 g water for 1.0 kg powder in clean container, pour the powder into the container in stirring condition and mix for 2-3 minutes until it becomes a smooth paste consistency.

Apply this paste into the clean groove with suitable trowel and press it properly and finish the surface as per requirement. Workability of mixed system is approx. 25-30 minutes at 30°C-35 °C.

Correct water powder ratio is important for optimum performance. After 24 hrs if slight depression/ sag is observed on the applied surface apply a touch up as per the above procedure.

Further POP or Sika® Wall Décor (wall putty) application can be taken up once it is fully dry and subsequently painting can be done on the cured surface.

CLEANING OF TOOLS

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

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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Product Data Sheet
Sika® Cracksil
September 2019, Version 01.02
020302020030000024

SikaCracksil-en-IN-(09-2019)-1-2.pdf