

PRODUCT DATA SHEET

SikaWall® FL 100

(formerly MProtect FL 100)

READY MIXED JOINT FILLER FOR INTERNAL AND EXTERNAL SURFACES

DESCRIPTION

SikaWall® FL 100 is a ready to use filler for use on all common building surfaces. It gives a high quality, even surface for painting.

USES

- SikaWall® FL 100 is specifically manufactured for professional repair and touch-up of exterior and interior surfaces, both new and old, prior to painting. It is designed for filling joints, hairline cracks etc. by hand application. Unlike conventional fillers, SikaWall® FL 100 has elastic properties, does not flake off, is permanent and retains its adhesion.
- SikaWall® FL 100 is suitable for exterior as well as interior surfaces. When dry, SikaWall® FL 100 is weather resistant and bonds extremely well to cement and gypsum based plasters and gypsum boards.
- It is used as a thin coat filler for patching hairline cracks in walls, ceilings, soffits, repair to damaged plasterwork, paintwork and exposed concrete.

FEATURES

- Tough durable filler
- Weather resistant
- Alkali resistant
- Easy to apply
- Quick drying
- High crack resistance
- Excellent adhesion

PRODUCT INFORMATION

Composition	Binders Styrene acrylate	Fillers Fine precisely graded fillers
Packaging	25 kg units	
Colour	White	
Shelf life	12 months from production date	
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight, heat and moisture.	
Density	~1.70 kg/l (at 25°C)	

APPLICATION INFORMATION

Consumption

Apply the filler in a thin even layer between 0.5 - 1.5 kg/m²

These figures are theoretical and do not include for any additional material required due to surface porosity, surface profile, variations in level and wastage, etc.

Layer thickness

Max. 1 mm per coat

BASIS OF PRODUCT DATA

- All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
- Internal Reference - Version: MBS_CC-UAE/Pr_FL100_07_16/v1/04_21

IMPORTANT CONSIDERATIONS

- Apply multiple coats if necessary, allowing to dry between layers.
- Lightly sand down the final surface before overcoating within 24 hours of application.
- Applied material must not exceed 1 mm per coat.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- Ensure that the surface is free from dust, dirt, form oil and contamination.
- Ridges and undulations must also be removed.
- When applying filler to old painted surfaces first wash down with soda / water solution, rinse and allow to dry before filling.
- The use of penetrating primer is recommended on dusting or flaking surfaces, for further information contact Sika Technical Services.

MIXING

SikaWall® FL 100 is supplied ready for use and should not be thinned. For optimal performance stir mechanically with a slow speed drill (maximum, 500 rpm) for at least 3 minutes and until a smooth, even consistency is achieved.

APPLICATION

- Apply the filler in a thin, even layer.
- If the area under repair requires a thick coat, apply several thin layers, allowing each layer to dry before adding the next.
- Lightly sandpaper over the dry final surface before painting, preferably within 9 hours of application.

CLEANING OF EQUIPMENT

Clean equipment and mixer immediately after application with water. Hardened material can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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ISO 9001, 14001, 45001 – SGS
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Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV
Sika MB Construction Chemicals LLC
Sika Construction Chemicals
for Manufacturing LLC
ISO 9001 – LMS
Sika MB LLC

All products are supplied under
a management system certified
to conform to the requirements
of the quality, environmental
and occupational health &
safety standards ISO 9001, ISO
14001 and ISO 45001.



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