

PRODUCT DATA SHEET

SikaRep® Finish Plus

HIGHLY BONDING CEMENT-BASED COAT FOR FINISHING AND CONCRETE PROTECTION.



DESCRIPTION

Highly bonding one-component white or grey finishing plaster for indoor and outdoor walls. Float finish and thickness up to 6mm

USES

- Levelling and finishing of indoor and outdoor walls
- SikaRep® Finish Plus can be overcoated with paints or tiles.

CHARACTERISTICS / ADVANTAGES

- One-component
- Fine-grained finishing
- Can also be applied to old plastic cladding
- Layers up to 6 mm thick
- Low water absorption
- High bonding capacity

APPROVALS / CERTIFICATES

SikaRep® Finish Plus fulfils the requirements of EN 1504-2; DoP 76594880; certified by Factory Production control body 0546, certificate of conformity of the factory production control 18774, and provided with the CE-marking.

PRODUCT INFORMATION

Packaging	25 kg bags		
Appearance / Colour	Grey or white powder		
Shelf life	12 months from date of production		
Storage conditions	Store the product in original and sealed packaging, in dry condition.		
Density	Bulk density of the powder:		
	Grey	White	
	~ 1350 kg/m ³	~ 1300 kg/m ³	
	Mixture density:		
	Grey	White	(EN 1015-6)
	~ 1750 kg/m ³	~ 1700 kg/m ³	
Maximum Grain Size	D _{max} = 0.6 mm		

TECHNICAL INFORMATION

Compressive Strength	~ 15 MPa		(1015-11)
Tensile Strength in Flexure	<u>Grey</u> ~ 5 MPa	<u>White</u> ~ 4.5 MPa	(EN 196-1)
Tensile Adhesion Strength	Adhesion on concrete: ~ 1 MPa (FP: B)		(EN 1015-12)
	<u>Grey</u> ~ 2.15 MPa	<u>White</u> ~ 2.10 MPa	(EN 1542)
Freeze thaw resistance	Immersion in deicing salts: <u>Grey</u> ~ 2.15 MPa		<u>White</u> ~ 2.10 MPa (EN 13687-1)
Permeability to Water Vapour	Class I (permeable) <u>Grey</u> ~ 0.07 m		<u>White</u> ~ 0.06 m (EN 1504-2) (EN ISO 7783-1-2)
Water Absorption	<u>Grey</u> ~ 0.05 kg m ⁻² h ^{-0,5}	<u>White</u> ~ 0.06 kg m ⁻² h ^{-0,5}	(EN 1062-3)

APPLICATION INFORMATION

Mixing Ratio	<u>Grey</u> 23 ± 1% of water	<u>White</u> 24 ± 1% of water	
Consumption	~ 1.3 kg of product per m ² and mm of thickness		
Layer Thickness	Minimum thickness: ≥ 1 mm Maximum thickness: 6 mm		
Ambient Air Temperature	+ 5°C min. / + 35°C max.		
Substrate Temperature	+ 5°C min. / + 35°C max.		
Pot Life	~ 4 hours (+20°C, 50% r.h.)		

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The surface must be free from dust and dirt. Traces of oil, grease, wax, etc., must be removed before the application.

MIXING

Mix SikaRep® Finish Plus with approximately 6 l of clean water per 25 kg bag (24±1% white, 23±1% grey) until mixture is homogeneous and lump-free. Use low-speed mixer (approx. 500 rpm).

APPLICATION

Apply the product with a smooth steel trowel. Press the mortar well down onto the substrate to ensure a perfect bond. However, remember that on sunny days or if the substrate is very absorbent, the surface must be pre-wetted with plenty of water to prevent product from drying out and failing to adhere well.

Apply two coats. Wait approximately 1 hour before applying the second coat. Each coat should be not more than 6 mm thick. Wait a short while and when the surface is touch-dry, finish off with a sponge trowel, dampening with water until surface is smooth, uniform and free from joints or ridges.

Bury Sika® ThermoCoat 4 fiberglass net in the first coat if layers thicker than 4 mm are required or if the substrate is not homogeneous.

IMPORTANT CONSIDERATIONS

- Do not apply onto gypsum substrates, e.g.: gypsum-based plasters, blocks of plaster covered brick (use SikaRep® Finish-G)
- Do not use on substrates subject to rising damp
- Do not apply in layers more than 6 mm thick
- Do not add anything to the product that is not specified in this Product Data Sheet

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 Safety Data Sheet (SDS) 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
SikaRep® Finish Plus
September 2019, Version 02.02
020405020010000057

SikaRepFinishPlus-en-IT-(09-2019)-2-2.pdf

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