BUILDING TRUST

PRODUCT DATA SHEET

SikaWall®-180 Viscorep

Ultra-fine mortar for smoothing on concrete walls and ceiling thickness 0.3 to 10mm with reduced environmental impact

DESCRIPTION

SikaWall®-180 Viscorep is a ready to use cement mortar. Due to its fine grained and lightweight fillers content, it achieves a smooth and even finishing, and increases the surface covered by bag. It contains raw materials from recycling to reduce its carbon footprint

USES

Patching, levelling, debulking, smoothing of concrete walls to remove appeareance and planimetry, removing visual defects of panel seams or gravel nests
Applicable indoors and outdoors : walls and ceillings
Suitable Substrates
indoor/outdoor
Substrate concrete, reinforced concrete wall, precast concrete panels, concrete slab underside, expended clay aggregate concrete, traditional rendering
Indoor only
Brick tiles for partitions (infills with cement hydraulic binder)

FEATURES

- Easy to use (lightweight)
- High finishing quality before painting or coating
- Double consistency according to requirement for wall or ceiling
- Compatible with thick plasting coatings, paints, coatings, wall coverings, wallpapers
- Can be left exposed.

CERTIFICATES AND TEST REPORTS

Label Excell+

PRODUCT INFORMATION

Composition	hydraulic binders, mineral fillers and admixtures
Packaging	15kg bag
Shelf life	12 months in original, unopened packaging
Storage conditions	sheltered from moisture, temperatures between +5°C and +35°C
Appearance and colour	Light Grey
Grain size distribution	<0.2mm
Compressive strength	28 days : ~ 12 MPa
Tensile strength	At 28 days in 1mm thickness : > 0.7 MPa
Mixing ratio	5 to 6L of water for 15Kg of powder
Consumption	1 Kg/m²/mm (powder)

Layer thickness	0.3 to 10mm
Ambient air temperature	Application Conditions between 5°C and 35°C, protected from sun and wind.
Pot Life	~1h30 at 20°C
Waiting time to overcoating	7 days minimum, checking the moisture content according to the associated coating

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.

LIMITATIONS OF USE

Do not apply on frozen or thawing substrate
Do not use on submerged or sloping inclined substrates
Do not apply on organic or gypsum substrates

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

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

DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

VOC emission labelling class : A+

APPLICATION INSTRUCTIONS

Apply sheltered from sun and wind, between 5°C and 35°C

SURFACE PREPARATION

The substrate must be clean, sound, free of dust, free from all traces of curing compounds, paint, demoulding agents, laitance, etc...
All surface defects (projecting irregularity in masonery or croncrete, concrete formwork cut off, gravel nests) >4mm will be prepared

Moisten the substrate before application

MIXING

SikaWall®-180 Viscorep can be manually mixed for small quantity or mixed with a low speed hand drill mixer, between 5 and 6L of water per bag 15kg depending on required consistency, to obtain a homogeneous product without lumps.

APPLICATION

- Apply the mortar with a stainless steel trowel.
- If necessary a second coat can be applied after the first one has started hardening.
- Before complete hardening, smooth with a sponge or a polystyrene float.

CLEANING OF EQUIPMENT

With water before hardening

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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