

kalox

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KALOX

Finishing skimming plaster for indoors and outdoors. White or grey colours. Setting coat finish.

**bioecological
refurbishing and
dehumidifying
products**

TECHNOKOLLA®





Blender



26±1% grey
27±1% white



5-35°C



Smooth



4h



3 mm

kalox



MAIN FEATURES

- One-pack product
- “Setting coat” finish
- Optimum bond, even to weathered plaster
- Low water absorption
- Optimum vapour permeability

APPEARANCE

White or grey powder

STORAGE

12 months in a dry place

FIELDS OF USE

KALOX can be used as a setting coat finish for conventional or pre-mixed new or weathered lime and cement based plastered substrates both indoors and outdoors.

SUBSTRATES

New and weathered cement and lime based conventional and premixed plasters.

NATURE OF THE PRODUCT

KALOX consists of lime and cement, selected mineral charges, copolymers of an organic nature and specific additives. Ask our technical department for the safety brief containing further information.

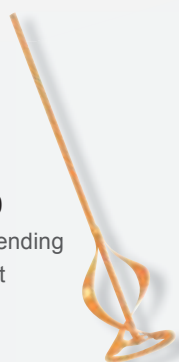


repairing refurbishing and finishing

RECOMMENDED ACCESSORIES



TKW 407
Mixer 1200



TKW 410
Circular blending
attachment



TKW 155
28x12 cm smooth trowel

HOW TO PREPARE THE MIXTURE

KALOX should be mixed with about 6 l. of clean water per 25 kg bag (26 ±1% grey, 27 ±1% white) until a homogeneous, lump-free mixture is obtained.

It is advisable to use a low speed blender (approx. 500 rpm).

APPLICATION OPERATIONS

The surface to level must be free from dust and dirt. Any traces of oil, grease, wax, etc., must be removed beforehand.

Apply the product with a smooth steel knife. Press the mortar well down on to the substrate to ensure a perfect bond. However, remember that on sunny days or if the surface is very absorbent, this latter must be wetted with plenty of water to prevent the product from drying out and failing to adhere well. Apply two coats. Wait about 1 hour before applying the second coat. Each coat should be no more than 3 mm thick.

After waiting a short while, finish off with a sponge trowel and dampen with water until the surface is smooth, even and free from joints or ridges.

WARNINGS AND RECOMMENDATIONS

Do not apply:

- to concrete (use KALOX-PLUS)
- to plastic, distempred, painted or non-absorbent substrates (use KALOX-PLUS)
- to gypsum substrates, e.g.: plastered surfaces, panels or plaster-board (use KALOX-G)
- to substrates subject to rising damp
- in coats more than 3 mm thick.
- do not add anything to the product that is not specified in this brief
- do not apply at temperatures lower than 5°C or higher than 35°C

AMOUNT REQUIRED

approx. 1.3 kg/m² for every mm of thickness

TECHNICAL DATA	VALUE	STANDARD
Appearance of finished product	white or grey powder	
Maximum diameter of aggregate	approx. 0.6 mm	
Apparent specific mass of powder (grey)	approx. 1380 kg/m ³	
Apparent specific mass of powder (white)	approx. 1390 kg/m ³	
Water used for mixing (grey)	26 ± 1%	
Water used for mixing (white)	27 ± 1%	
Apparent specific mass of fresh mortar (grey)	approx. 1730 kg/m ³	EN 1015-6
Apparent specific mass of fresh mortar (white)	approx. 1780 kg/m ³	EN 1015-6
Durata impasto (pot life)	*approx. 3 h	
FINAL PERFORMANCE		
Compressive strength after 28 days	3 N/mm ²	EN 1510-11
APPLICATION SPECIFICATIONS		
Amount required	approx. 1.3 kg for mm of thickness	
Minimum thickness allowed	≥1 mm	
Maximum thickness per coat	≤2 mm	
Storage	Can be stored for 12 months in the unopened pack in a dry place	
Temperature during application	min.+5°C, max.+35°C	

* these times refer to a temperature of 23°C-50% R.H.. They are shorter at higher temperatures and longer at lower temperatures.

SPECIFICATION

The vertical substrates must be plastered with a lime and cement-based product to be blended with water alone, and which can be applied in coats up to 3 mm, such as TECHNOKOLLA's KALOX.

Technokolla reminds you to examine the **"notes" document** that completes the information in this data sheet. The document can be downloaded in the pdf format from the website www.technokolla.com.

The advice about technical matters and applications in the technical data sheets, or given verbally or in writing by our personnel as part of our customer assistance service, are the result of our best and most up to date experience. Since we are unable to personally modify the conditions in the building site or the way the work is carried out, this information is purely indicative and, thus, binds us neither legally nor in any other way in relation to third parties. This information does not relieve the end user from being responsible for testing our products so as to make sure they are fit for the required use. We therefore strongly advise the customer/user to subject Technokolla's products to preventive tests in order to ensure that they are suitable. The end user is also responsible for checking to make sure that this technical data sheet is not obsolete and that more recent editions have not replaced it. Thus, before using our products, you are advised to download the most up to date version of the technical data sheet from our web site www.technokolla.com.