

Product type: Fine mineral mortar based on hydraulic binders for preparing a filling mixture of wall plaster type – according to SR.EN. 998-1/2004.

Short description GLET ALB product is a superfine mineral mortar, based on white cement, white fine aggregates with of product: selected grading, synthetic polymer additives and water-soluble cellulose derivatives which mixed only with water form a homogeneous white paste

Areas of application: It is used as a very fine filling mixture.

GLET ALB product is meant for interior or exterior filling finishing of concrete walls or ceilings or conventionally coated with cement or lime-cement mortars and then smoothed.

Technical data:	Physical form	powder
	Colour	white
	Flammability	no
	Toxicity	no
	Apparent density	approx. 1300 kg/m ³
	Consumption per 1 mm of layer thickness	approx. 1.35 kg / mm/m ²
	Minimum layer thickness	1 mm
	Maximum layer thickness	2 mm
	Average waiting period between 2 layers	24 hours
	Mixture water	~ 7,3 l / 20 kg
	Preparation	only with water
	Compressive strength after 28 days	4.5 N/mm ²
	Bending strength	1.7 N/mm ²
	Pot life	120 minutes
	Adherence to base layer per 28 days	0.35 N/mm ²
	Water absorption coefficient by capillarity	1.5 kg/(m ² min ^{0.5})
	Temperature range for usage	+ 5°C – + 35°C

Instructions for use: Application of product is carried out only by trained and skilled workers in mortar applications, in the following stages:

1. Checking the base surface:

Checking the base layer is an important stage in the process of applying the product.

Surfaces which are to be filled (plastered) with GLET ALB:

- are flat and smooth - uneven elements do not exceed 2 mm/m.
- adhere to cement-based mortars at least 28 days old. For the cement-based mortar coatings, these must be at least 28 days old.
- are clean, dust and salt free, they do not contain any non-adhesive substances (grease, bitumen, dust, gypsum, dye, old wall painting etc.), with a normal water absorption, that is between 3% and 6%.
- are crack free. Capillary cracks are allowed; they occur due to hydraulic intake, drying and hardening of the cement coating-type base layer. Other cracks caused by incorrect application of layer (coating) and which are major (> 0.5-0.6 mm), moving and which worsen simultaneously with the process of

hardening are not allowed.

e are resistant, compact and free of any brittle parts.

f. are dry. The residual humidity, measured at about 2-3 cm inside the base layer which is being plastered, should not exceed 2% at the moment of plastering.

The product should not be applied on surfaces containing gypsum.

If the base layer for which the product is used does not comply with the 6 minimum requirements mentioned above, it is considered to be unfit for being finished with this product.

2. Preparing the product:

In order to prepare the filling mixture needed for plastering, a 20 kg, respectively 10 kg sack is mixed with 7.3 l, respectively 3.7 l of clean and cold water, only in clean and appropriate containers, by pouring the product into the water (and not the other way around).

The mixture is prepared only with the help of a rotating mechanical device (electrical or pneumatic), with low revolutions (maximum: 500 rev/min) with a screw guaranteeing a homogeneous mixture.

The mixing is carried out for 4 minutes in order to obtain a perfectly homogeneous paste. It is essential that the mixing procedure be done at moderate speed in order to avoid creating air bubbles into the filling mixture.

After mixing, the paste is left to rest for about 10 minutes and then it is mixed again for about 1-2 minutes, then it can be used for filling (plastering).

The non-observance of the mixing stages implicitly causes the product to lose its properties and, thus, failures in using it may occur.

3. Product application:

The filling (plastering) of the base layer is done by evenly and smoothly applying, with the hawk, the paste (filling mixture) obtained, according to point 2 in the present data sheet.

The filling (plastering) can be done in two layers, if necessary, each layer being at least 1 mm and maximum 2 mm thick. The second layer shall be applied at least 24 hours after the first layer has been applied.

If the second layer is applied at least 7 days after the application of the first layer, then the latter shall be very finely finished in order to remove all the eventual impurities deposited and afterwards, it shall be very rigorously cleaned of dust. Application on critical areas (from the water absorption perspective-absorption exceeding 6%), but which match all the other application conditions can be carried out after the previous priming with HIDROFLEX. In this case, application is done onto wet surfaces. Filling is not carried out on the dried or film primer.

4. Final recommendations:

a. The product is mixed only with clean and cold water and only in clean and appropriate containers.

b. At least 48 hours after applying GLET ALB, it is recommended to finish it with very finely grained emery paper. Product application at temperatures lower than 20° C results in the increase of the product's hardening interval.

c. The final filling mixture layer obtained shall be left to dry for at least 7 days before any other subsequent processing: dyeing with disperse dyes or mineral dyes.

d. The unevenness caused by filling imperfections or ridges left from the hawk can be corrected by fine finishing with appropriate emery paper.

e. The product is not applied at temperatures lower than 5°C or bigger than 35°C and if there is a risk that these phenomena might occur in the following 24 hours.



S.C. ITAL-KOL S.R.L.
RO, 307395 Comuna Șag, Str. XI nr. 64, Județ Timiș, România,
Tel.: +40 256 395 200; +40 256 395 300, Fax: +40 256 395 100,
C.I.F.: RO 6470443, Nr. Înreg.Reg.Com.: J35 / 3176 / 93

CONSTRUEȘTI
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Data Sheet

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GLET ALB

Code 1.4.01 – 20 KG
Code 1.4.02 – 10 KG
EC
Conformity attestation system 4

Packaging: The product is packaged in 20 kilo sacks, respectively 10 kilo sacks; 60, respectively 100 sacks, per pallet covered in foil.

Storage: The product is stored for maximum 12 months in a dry place, in its original undamaged package, placed on the pallet.

Marking: Each sack is marked by being stamped, on the bottom, with the following information: date of production – five groups of figures symbolizing:
the day, the month, the year ending, production line number, production batch number.

Warranty: The product has a 12 month warranty beginning on the date of production marked on the package; this warranty applies only for the storage conditions mentioned above.

- WARNING!**
- The prepared product is alkaline.
 - During handling and transport, goggles, gloves and anti-dust masks should be worn.
 - In case the product gets accidentally into your eyes, wash immediately with lots of clean water and then quickly contact a doctor!
 - Products with damaged packaging should not be used.
 - The unused items should not be discarded into the sewerage system

Note 1: The present data sheet accompanies each invoice or waybill which refers to the product presented in the sheet.

Note 2: It is forbidden to reproduce parts or fragments from the present data sheet.

Note 3: The present data sheet has been drawn up to properly inform the user about the presented product. The use of this sheet for other purpose than informing you about the product and preparing the technological specifications regarding application is strictly forbidden without the written consent of ITAL-KOL.

Note 4: For other additional information, which you consider you should receive or you find useful, we recommend that you contact the producer in writing, before using the product. Any producer liability regarding failures in applying the product resulted from misinterpreting the text of the present data sheet or from verbal consultancy is excluded.

Note 5: The data presented in the product data sheet and, mainly, the instructions regarding the manner and area of application of the product are based on the skills and practical experience of the person applying the product. Due to a large variety of materials, tools or working conditions which we cannot totally control or foresee or which, even if they are clearly mentioned in the product data sheet, are not correctly assessed by the person applying the product, in each case we recommend, before use, to carry out individual tests of applying the product, so that you can be sure that the product the present data sheet is describing is suitable for your respective field of application.

Any producer liability regarding failures in applying the product resulted from the causes mentioned above in this sheet is excluded, except for the event when the damages resulted only from the poor quality of the product that the present data sheet refers to.

Note 6: Depending on the evolution of the technical regulations applicable, the producer preserves the right to modify the present data sheet. For the purpose of confirming the data in the sheet, we recommend you to visit the web page: web www.italkol.ro prior to using the product