

Product type: Macro-porous dry mortar for preparing exterior dehumidifying coatings

Short description RENOVA MORTAR is a powder mixture made up from cement, quartz sand, selected inert materials, of product: specific water soluble additives which – mixed with water- create a macro-porous mortar with high specific volume allowing water vapour diffusion, thus avoiding exterior saline efflorescences.

Areas of application: RENOVA MORTAR is used for the exterior coating of masonry work affected by capillary water seepage (wall dampness).

Technical data:

Physical form	powder
Colour	grey
Flammability	no
Toxicity	no
Average consumption	4 kg/m ² /cm
pH	12
Compressive strength after 28 days	1.3 N/mm ²
Pot life	60 minutes
Apparent density	1,450 kg/m ³ .
Water vapour permeability coefficient	6
Mixture water	6.3 l / 25 kg
Temperature range for usage	+ 5°C – + 35°C
Preparation	Only with water

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

1. Preparing the product:

The mortar is obtained by mixing a 25 kg sack of RENOVA MORTAR with 6.3 l (250 ml/kg) of clean and cold water, only in clean and appropriate containers, by pouring the product in water (and not the other way around) and with the help of a rotating mechanical device (electrical or pneumatic), with low revolutions (500 rev/min) with a screw guaranteeing a homogeneous mixture. The non-observance of the mixing stages implicitly causes the product to lose its properties and, thus, failures in using it may occur.

2. Product application:

None of the operations described below shall be performed under direct sunlight, under powerful air currents (wind) or at air or base layer temperatures lower than 5°C or exceeding 35°C.

The mortar is applied on the layer which has been previously cleaned, washed and treated with RENOVA ANTISARE. The mortar undergoes a conventional wet-on-wet application, in two layers, with a total thickness of at least 25 mm. After about 24 hours, the surface is plastered with RENOVA GLET and, after approx. 30 days, It is painted exclusively with an exudation dye.



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

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Data Sheet

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RENOVA MORTAR

Code 1.7.02
Technical agreement:
AT 007-04/442-2008

3. Final recommendations:

- a. the product is mixed only with clean and cold water and only in clean and appropriate containers.
- b. the product is not applied under direct sunlight, wind, rain or air temperatures lower than + 5°C or exceeding + 35°C or when such phenomena may occur in the next 24 hours.

Packaging: The product is packaged in sacks weighing 25 kg; 60 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