

COMPLYING WITH THE UE RULE

UNI EN 998-1

R

RESTORATION MORTAR

DESCRIPTION

Dehumidifying and breathable skim coat based on hydraulic binders with special additives and fillers, suitable for allowing porosity, while maintaining good breathability, formulated by WINKLER Research & Development laboratories.

FIELDS OF APPLICATION

Product used in recovery cycles on damaged surfaces because of rising damp also as levelling in WF03-WINTOSAN applications or other cement or lime-base plasters.

PREPARATION OF SURFACES

Clean carefully the surface that shall be free from salts, greases, oils brittle parts and anti-adherent substances.

WARNING

Do not add cement nor additives.
Do not use in case the bag is damaged.
Do not add water when the mix is starting hardening.
Do not apply on asphalt surfaces or treated with bitumen.

APPLICATION

Mix well, with 5.80lt (max 6.20lt) of clean water per bag, until getting an homogeneous paste. The product can be applied by trowel, spatula, or air-spray gun and finished by wooden trowel.

ADVICES

Apply between +5°C and +35°C. Protect from sun and wind during the first 24 hours and if necessary keep on dampening the surface even after the application. Store the product, before use, away from frost and in an environment protected from moisture. Mix with cold water. Remove fresh mortar from the tools with running water. After hardening, tools must be cleaned mechanically.

CONSUMPTION

1.1 kg/m² per mm thickness.

PACKAGING

25 kg bags.

STORAGE

The product, stored in the original undamaged packaging has a 12 months stability. Store at temperatures between +5°C and +35°C.

SAFETY INSTRUCTIONS

PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet, edited in accordance with the regulations in force, which contains physical, toxic and other data about the product in use.

ECOLOGY

Do not through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

TECHNICAL DATA (average values)

WF05 RASOSAN complies with the requirements defined in ENV 998-1 ("Guaranteed performance mortar with high porosity and reduced capillary action, to restore damped masonry walls") and to the minimum requirements of classification (R) RESTORATION MORTAR.

PRODUCT FOR PROFESSIONAL USE ONLY

Max diameter aggregate particles:	0.5 mm
Appearance:	powder
Color:	light grey
Water for mixture per 25 kg bag:	Min. 5.80 litres, max. 6.20 litres
Fresh mortar specific weight EN 1015/6(Kg/m ³):	1150
Porosity of fresh mortar (EN 1015-7) %	>20

PRODUCT PERFORMANCES ACCORDING TO UNI EN 998-1

Compressive strength (EN 1015-11)	9 N/mm ² (class CS II)
Adhesion (EN 1015-12)	≥ 0.40 N/mm ² (Break type: B)
Water absorption by capillarity (EN 1015-18)	≥ 3.1 Kg/m ³ (water infiltration ≤ 5mm)
Water vapor permeability μ (EN 1015-19)	≤ 15
Thermal conductivity λ (EN 1745)	0.70 W/m·K
Fire reaction (EN 13501-1)	A 1

Volatile Organic Compounds Emission

Parameter	Max. allowed concentration (μm^3)
TVOC after 3 days	≤ 750
TVOC after 28 days	≤ 60

Test performed by the EUROFINS institute according to EN 16516, ISO 16000-3-6-9-11 and ASTM D5116-10, Test report n. 392-2018-00081401_G_EN.

PRODUCT FOR PROFESSIONAL ONLY

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. WINKLER S.r.l. reserves the right to modify and update said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.