PRODUCT DATA SHEET

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CE

WINTOSAN RESTAURO

COMPLYING WITH EU NORM
UNI EN 998-1
R
MORTAR FOR RESANATION

DESCRIPTION OF THE PRODUCT

Dehumidifying and breathable plaster based on hydraulic binders, formulated with special additives and fillers that increase porosity while maintaining excellent transpiration. Formulated by WINKLER Research & Development Laboratories, it is suitable for both interior and exterior applications and does not require anti-salt treatment or a rendering primer.

FIELDS OF USE

WINTOSAN RESTAURO is a pre-mixed, macro-porous, dehumidifying mortar designed to restore damp walls, including those affected by salts, without the need of additional treatments. Its high porosity promotes evaporation, stains, and the formation of mildew.

SURFACE PREPARATION

Thoroughly clean the substrate to remove salts, oil, grease, dust, loose or friable material, and any substances that could impair adhesion.

WARNING

Do not add cement or any additives.
Do not use the product if the packaging is damaged.
Do not add water once the mixture has begun to harden.
Do not apply on asphalt or bitumen-treated surfaces.

PRECAUTIONS

Apply the product at temperatures between +5°C and +35°C. Protect the surface from direct sunlight and wind during the first 24 hours; if necessary, keep the surface slightly moistened even after application. Before use, store the product away from frost and in a dry environment protected from humidity. Mix the product with clean, cold water.
Remove fresh mortar from tools used for preparation and application with running water. Once hardened, the material can be only removed mechanically.

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APPLICATION

Prepare the mortar by pouring approximately 90% of the mixing water into the container. Gradually add **WINTOSAN RESTAURO**, stirring carefully to prevent the formation of lumps, and mix for 2-3 minutes. If necessary, add the remaining water to obtain the desired consistency and continue mixing for another 3-4 minutes.
Apply **WINTOSAN RESTAURO** using a trowel or a spray gun. The surface finish can be achieved with a wooden plastering trowel or **WF05 – RASOSAN** breathable smoothing mortar.

CONSUMPTION

For 1 cm thick rendering: approximately 7.5 kg/m^2
For 1 cm thick plaster: approximately 8.0 kg/m^2

PACKAGING

15 kg bags

STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

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DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

TECHNICAL FEATURES
(average values)

WINTOSAN RESTAURO complies with **UNI EN 998-1** standards, "Guaranteed performance mortar with high porosity and reduced capillary action for the restoration of damp walls". The product meets the minimum requirements for classification **(R)** – Restoration Mortar.

FEATURES	STANDARD	RESULTS
Maximum aggregate diameter	-	3.0 mm
Appearance	-	Powder
Colour	-	Light grey
Mixing water for rendering	-	45 %
Mixing water for plaster	-	40 %
Bulk density of fresh mixture	UNI EN 1015-6	1000 kg/m^3
Reaction to fire	UNI EN 13501-1	A 1
Compressive strength	UNI EN 1015-11	7 N/mm^2
Adhesion	UNI EN 1015-12	≥ 0,4 N/mm^2 B
Thermal conductivity λ	UNI EN 1745	0.70 W/mk
Fresh mortar porosity	UNI EN 1015-7	>20 %
Water absorption	UNI EN 1015-18	3.1 kg/m^3

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VOLATILE ORGANIC COMPOUNDS EMISSION

PARAMETER	MAX. ALLOWED CONCENTRATION (µg/m³)
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. 392-2017-00404102_G_EN_02.

The product complies with the requirements of Directive 2003/53/EC.

PRODUCT FOR PROFESSIONAL USE ONLY

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