PRODUCT DATA SHEET

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CE

WF02 - RASOWIN

COMPLYING WITH THE UE RULE
UNI EN 998-1
GP
MORTAR FOR GENERAL USES

DESCRIPTION OF THE PRODUCT

Cementitious, shrinkage-free, one-component, pre-mixed smoothing compound. Made from carefully selected aggregates with an optimized granulometric distribution. Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

The product is suitable for smoothing concrete or **WR07-FIBROWIN** pre-treated surfaces, even at very thin layers (from 1 mm). Ideal for interior and exterior applications, including bathrooms, kitchens, staircases, façades, grouting, or levelling of cast-in-place or prefabricated elements.

SURFACE PREPARATION

Thoroughly clean the surface to remove salts, dust, loose or friable material, and any foreign or non-adherent substances. Pre-wet the substrate with water before application.

WARNING

Do not add cements 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. During the first 24 hours, protect the surface from direct sun and wind, and if necessary, continue to keep it damp after application. Store the product before use in a frost-free environment, protected from moisture. Mix the product with cold water. Fresh mortar can be removed from tools used for preparation and application with running water, while hardened material must be removed mechanically.

APPLICATION

Mix thoroughly with 5 L of clean water per bag until a homogeneous mixture is obtained. The product can be applied using a trowel or a suitable spray/plastering machine and finished with a sponge float.

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CONSUMPTION
1.8 kg/m² per mm of thickness

PACKAGING
25 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.

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)

WF02 – RASOWIN complies with the principles defined in **ENV 998-1** ("Performance-guaranteed mortar for general purposes") and is specifically designed for high-quality skim-coating applications.

FEATURES	STANDARD	RESULTS
Appearance		Powder
Colour		Grey - White
Water for mixture (per 25kg bag)		5 L
Density of mixture	UNI EN 1015-6	1900 kg/m³
Ageing resistance		Excellent

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PRODUCT PERFORMANCES
ACCORDING TO UNI EN 998-1

FEATURES	STANDARD	RESULTS
Compressive strength (28 days)	UNI EN 1015-11	≥35 N/mm² (Class IV)
Flexural strength (28 days)	UNI EN 1015-11	≥8 N/mm²
Adhesion	UNI EN 1015-12	≥ 0.45 N/mm² (Break type: A)
Thermal conductivity λ	UNI EN 1745	1 W/m.K
Reaction to fire	UNI EN 13501-1	A1

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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