PRODUCT DATA SHEET

ITEM CODE: SEE DN
ISSUE DATE: 21/10/2025
REVIEW: NO. 6

CE

WR05 - WINTONAC

COMPLYING WITH EU NORM
UNI EN 998-1
GP
MORTAR FOR GENERAL PURPOSES

DESCRIPTION OF THE PRODUCT

Cement-based premixed plaster enhanced with additives that control shrinkage during both the plastic and hardened phases. Formulated with selected aggregates featuring an optimal particle-size distribution. Developed by WINKLER Research & Development Laboratories.

FIELDS OF USE

The product is designed for creating long-lasting and resistant plasters on concrete, stone, and brick surfaces in general, suitable for both indoor and outdoor applications.

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 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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PRODUCT DATA SHEET

CE

APPLICATION

Mix the product thoroughly until a homogeneous mixture is obtained. Apply using a spatula, trowel, or a spray gun compatible with plastering machines.

CONSUMPTION

1.9 kg/m^2 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)

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TECHNICAL FEATURES
(average values)

WR05-WINTONAC complies with **ENV 998-1** ("Guaranteed performance mortar for general purposes") and is especially suitable for high-quality plaster applications.

FEATURES	STANDARD	RESULTS
Appearance	-	Powder
Colour	-	Grey
Mixing water per 25 kg bag		4.50 L
Bulk density of mixture	UNI EN 1015-6	1900 kg/m^3
Maximum thickness per coat		3 cm
Ageing resistance		Excellent

PRODUCT PERFORMANCES
ACCORDING TO UNI EN 998-1

FEATURES	STANDARD	RESULTS
Compressive strength after 28 days	UNI EN 1015-11	≥ 40 N/mm^2 (CS IV)
Flexural strength	UNI EN 1015-11	≥ 5 N/mm^2
Adhesion to substrate after 28 days	UNI EN 1015-12	0.35 N/mm^2 (Break type: A)
Water absorption by capillarity	UNI EN 1015-18	W 0
Water vapor permeability	UNI EN 1015-19	18 μ
Thermal conductivity (tabulated value)	UNI EN 1745	1.00 W/m·K
Reaction to fire	UNI EN 13501-1	A 1

winkler® Advanced Building Material

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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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