



NATURE OF THE PRODUCT

Cement-based premixed plaster with the addition of agents that keep shrinkage under control both in the dynamic and hardened phases and with selected aggregates with a perfect granulometric curve. Developed in WINKLER Research & Development laboratories.

USES

Product used for long-lasting and resistant plasters on concrete, stone and brick surfaces in general, both indoor and outdoor.

PREPARATION OF SURFACES

Carefully clean the surface in order to remove salt, dust, friable elements, any foreign bodies or substances impeding adhesion. Wet the support with plenty of water before applying.

RECOMMENDATIONS

No additives or additional cement required.

Do not use if the bag is damaged.

Do not add water when the mix starts to set.

Do not apply on surfaces either made of asphalt or treated with bitumen.

APPLICATION

Mix carefully until obtaining a homogeneous mixture. The product can be applied using a spatula, trowel or gun with suitable plastering machines.

WARNINGS

We recommend applying at temperatures between +5°C and +35°C. Protect from sun and wind in the first 24 hours. If necessary, keep the surface wet also after application. Store the product, before use, frost-free and in a place protected from humidity. Mix with cold water. Remove fresh mortar from tools used for preparation and application, with running water. After the product has dried, tools can only be cleaned mechanically.

CONSUMPTION

1.9 kg/m² per mm of thickness.

PACKAGING

25 kg bags

STORAGE

If the product is stored in its unopened original packaging, shelf-life is 12 months. Store at temperatures between +5°C and +35°C.

SAFETY STANDARDS

CAUTION

For information about safety standards, users must refer to the most recent Safety Sheet drafted in compliance with currently applicable Safety Standards, containing physical, toxicological and other data about the product used.

ECOLOGY

Dispose of the product and/or empty packaging in appropriate sites. For further information about waste disposal, see the most recent Safety Sheet.

TECHNICAL DATA (average values)

PRODUCT FOR PROFESSIONAL USE ONLY

WR05-WINTONAC is compliant with ENV 998-1 ("Guaranteed performance mortar for general purposes) and is particularly suitable for top quality plasters.

PRODUCT FEATURES

Appearance:	Powder
Colour:	grey
Mix water per 25 Kg. bag:	4.50 litres
Mix mass EN 1015/6(Kg/m ³)	1900
Maximum thickness per coat:	3 cm
Aging resistance:	excellent

PRODUCT PERFORMANCES ACCORDING TO UNI EN 998-1

Compressive strength after 28 days (EN 1015-11)	$\geq 40 \text{ N/mm}^2$ (CS IV)
Flexural Strength (EN 1015-11)	$\geq 5 \text{ N/mm}^2$
Adhesion to substrate after 28 days (EN 1015-12)	0.35 N/mm^2 (Break type: A)
Water absorption by capillarity (EN 1015-18)	W 0
Water vapor permeability (EN 1015-19)	18μ
Thermal conductivity (tabulated value) (EN 1745)	$1.00 \text{ W/m}\cdot\text{K}$
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_02

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 up-date said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.