



PRODUCT CHARACTERISTICS

Cementitious-based, pre-mixed compound, containing special additives proper to facilitate the adhesion and subsequent finishing of insulation panels, formulated by WINKLER Research & Development Laboratories.

USE FIELDS

The product is used for sticking insulating panels in general, on plaster, bricks and/or concrete. It is also used for finishing of panels, which have been collocated with a plaster holder net in between (over-cladding systems).

PREPARING THE SURFACE

Clean carefully the support in order to remove: salts, dust, crumbly parts, unknown or anti-adhesive substances. Eliminate eventual protrusions and use WR07-FIBROWIN TIXOTROPICA for any repairs. Soak the support with water before application.

RECOMMENDATIONS

- No additives nor cement required.
- Do not use if the container is damaged.
- Do not add water when the mixture starts to harden.
- Do not apply on asphalt or bitumen treated surfaces.

APPLICATION

Mix well with 5.0/5.3lt of clean water per bag, manually or using a mechanical stirrer, until getting a homogeneous mixture without lumps. The product be applied with spatula, trowel or float. To fasten the panels on uneven surfaces, the mortar must be applied in pits spaced one from the other with about 5/6 pits per m² and about 2-cm thickness and 5-7 cm diameter per pit. For the finishing apply a thickness of 1/1.5 mm by means of metal float, then start the laying of the reinforcement net and wait about 24 hours before the finishing coat.

WARNINGS

It is advisable to apply the product at temperatures between +5°C and +35°C. Protect from sun and wind during the first 24 hours, if necessary keep on dampening the surface also after the application. Store the product, before using it, away from frost and dampness. Mix with cold water. Cool mortar can be removed form tools by using running water. After hardening tools an be cleaned just mechanically.

CONSUMPTION

2-4 kg/m² for sticking.
1.4 kg/m² per mm for finishing layer.

PACKAGING

25kg bags.

STORAGE

When stored in its unopened package the product is stable for 12 months. 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 dispose 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)

WF08 meets the ENV 998-1 law (mortar with guaranteed performance for general purposes) in particular specific for over-cladding systems.

Maximum diameter of aggregates:	0.5 mm
Appearance:	powder
Colour:	grey
Water for mixture per 25-kg bag:	5.0/5.3 litres 20/21%
Mass of mixture EN 1015/6 (Kg/m ³):	1450
Ph:	12
Workability time:	4 hours

PRODUCT PERFORMANCES IN ACCORDANCE WITH UNI EN 998-1 STANDARD

Resistance to compression strength after 28 days (EN 1015-11)	≥ 30 N/mm ² (CS IV)
Adhesion strength after 28 days (EN 1015-12)	0.80N/mm ² Type B break
Water absorption by capillarity (EN 1015-18)	W 1
Water vapour permeability (EN 1015-19)	20 μ
Conductivity (thermal tabulated value) (EN 1745)	0.43 W/m.K
Fire reaction (UNI EN 13501-1):	A 1

Volatile Organic Compounds Emission

Parameter	Max. allowed concentration (μ/m^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.