PRODUCT DATA SHEET

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CE

WF08 - PER CAPPOTTO

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

DESCRIPTION OF THE PRODUCT

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

FIELDS OF USE

The product is used for bonding insulating panels onto plaster, brick, or concrete substrates. It is also suitable for finishing panels that have been installed with a plaster holder mesh (over-cladding systems).

SURFACE PREPARATION

Thoroughly clean the surface so remove salts, grease, oils, and substances that could impair adhesion. Remove any protrusions and repair defects using **WR07-FIBROWIN TIXOTROPICA**. 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.

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APPLICATION

Mix thoroughly with 50-5.3 L of clean water per bag, either manually or using a mechanical mixer, until a homogeneous, lump-free mixture is obtained. Apply the product with a spatula, trowel, or float. To fasten panels on uneven surfaces, apply the mortar in evenly spaced spots - approximately 5-6 spots per m^2 - each about 2 cm thick and 5-7 cm in diameter. For finishing, apply a thickness of 1.0-1.5 mm layer using a steel trowel, embed the reinforcement mesh, and allow to cure for approximately 24 hours before applying the finishing coat.

CONSUMPTION

For bonding: 2-4 kg/m^2
For skim coating: 1.4 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)

WF08 – PER CAPPOTTO complies with the requirements of EN 998-1 (Mortars with guaranteed performance for general purposes) and is specifically suitable for over-cladding systems.

FEATURES	STANDARD	RESULTS
Maximum aggregate particle size	-	0.35 mm
Appearance	-	Powder
Colour	-	Grey
Water for mixture (per 25kg bag)	-	5.0 -5.3 L (20-21%)
Mixture specific weight	UNI EN 1015-6	1450 kg/m^3
Ph	-	12
Workability time		4 hours

PRODUCT PERFORMANCES
ACCORDING TO UNI EN 998-1

FEATURES	STANDARD	RESULTS
Compressive strength after 28 days	UNI EN 1015-11	≥ 30 N/mm^2 (CS IV)
Adhesion strength after 28 days	UNI EN 1015-12	≥ 0.80 N/mm^2 (Break type: B)
Water absorption by capillarity	UNI EN 1015-18	W 1
Water vapour permeability μ	UNI EN 1015-19	20 μ
Thermal conductivity λ	UNI EN 1745	0.43 W/m.K
Reaction to fire	UNI EN 13501-1	A1

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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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