PRODUCT DATA SHEET

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CE

WINPLASTER

COMPLIANT WITH EU NORM
UNI EN 1504-3
R3
REPAIR MORTAR

DESCRIPTION OF THE PRODUCT

Single-component, waterproof, thixotropic, fibre-reinforced premixed a product containing additives that control shrinkage in both plastic and hardened stages.
Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

WINPLASTER is designed to waterproof skirtings at the base of plaster (stucco), including over bitumen-polymer membranes and WINKLER waterproofing materials. It is also suitable for levelling and waterproofing concrete or plaster walls. The product offers excellent workability and can be applied at a thickness of 2-3 cm in a single coat. For applications requiring greater thickness, a plaster holder mesh should be used.

SURFACE PREPARATION

Thoroughly clean the substrate to remove any degraded concrete or plaster. Carefully sand or pressure-wash the surface as needed. The substrate must be clean and free of salts, oils, grease, loose or flaky material, and other non-adherent substances.
Apply **WINGRIP NEXT** as a primer, both on bitumen membranes and WINKLER liquid waterproof membranes. Allow at least 1 hour for the primer to cure before applying the pre-mixed product.
For concrete substrates, saturate the surface with water prior to 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 smooth 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, using the quantities indicated in the technical data table.
Remove fresh mortar from tools used for preparation and application with running water. Once hardened, the material can be only removed mechanically.
The product can be applied at a maximum thickness of 4 cm in a single reinforced layer.

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APPLICATION

Mix the product with clean water until a perfectly homogeneous mixture is obtained. The product can also be used as a rendering coat by adding additional water (see Consumption).
For single-coating thicknesses of 2 to 3 cm, wait 4 to 5 hours before applying **WINPLASTER**. The product can be applied using a trowel or by spraying.

CONSUMPTION

Rendering: 1.5 kg/m^2 per mm of thickness
Plaster: 1.6 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)

FEATURES	RESULTS
Appearance	Powder
Colour	Grey
Water required per 25 kg bag	5.25 L for rendering 4.5 L for plaster
Density of the mixture	1.8 ± 0.05 g/cm^3
pH	>12
Pot life (+20°C)	50 minutes

PERFORMANCE OF THE PRODUCT

ADHESION TO SUBSTRATE after 28 days – UNI EN 1542	
Concrete	≥ 1.5 N/mm^2
Fibre cement	≥ 0.6 N/mm^2
Brickwork	≥ 1.0 N/mm^2
WINGRIP NEXT on membrane	≥ 0.8 < 0.9N/mm^2
Water absorption (% of weight) after 7 days of immersion	≤ 0.6
Permeability under positive pressure UNI EN 14891	≥ 4 bar
Permeability under negative pressure	>1.5 < 2 bar

PERFORMANCE OF THE PRODUCT IN USE
ACCORDING TO UNI EN 1504-3

FEATURES	STANDARD	RESULTS
Compressive strength	UNI EN 12190	≥ 25 N/mm^2
Flexural strength	UNI EN 12190	≥ 3 N/mm^2
Chloride ion content	UNI EN 1015-17	≤ 0.05%
Adhesion bond (concrete MC 0.40)	UNI EN 1542	≥ 1.5 N/mm^2
Restrained shrinkage/expansion	UNI EN 12617-2	≥ 1.5 N/mm2
Durability: Carbonation resistance	UNI EN 13295	Pass
Reaction to fire		A 1

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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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winkler® Advanced Building Material

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