

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

PRODUCT CHARACTERISTICS

Cementitious-based, shrinkage-free, one-component, pre-mixed smoothing compound, based on selected aggregates in perfect granulometric curve, formulated by WINKLER R&D labs.

USE FIELDS

The product is used for smoothing concrete- or with WR07-FIBROWIN pre-treated surfaces, even for very low layers (1 mm thick). For interior and exterior applications such as baths, kitchens, staircases, façades, grouting or regularization of face pourings or prefabs.

PREPARING THE SURFACE

Clean carefully the support in order to remove: salts, dust, crumbly parts, unknown or anti-adhesive substances. Soak the substrate with water before application.

WARNING

Do not add cement nor additives.

Do not use if bag is damaged.

Do not add water when the mix begins to set.

Do not apply on asphalt surfaces or surfaces treated with bitumen.

APPLICATION

Mix well with 5lt clean water per bag, until getting a homogeneous mixture. The product can be applied with a trowel or spray, with plastering machines suitable for the purpose and finished with a sponge float.

ADVICES

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 use, away from frost and in an environment protected from humidity. Mix with cold water. Fresh mortar can be removed from the tools, used for preparation and application, with running water. After hardening, tools must be cleaned mechanically.

CONSUMPTION

1.8 kg/m² for each mm of thickness.

PACKAGING

25-kg bags - 60 bags per pallet.

STORAGE

The product, in its undamaged packaging, is stable for 12 months with white cement and 12 months with grey cement. 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 through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

TECHNICAL DATA

Aspect:	powder
Colour:	grey / white
Water for mixture per 25-kg bag:	5 litres
Volume mass of mixture EN 1015/6 (kg/m ³)	1900
Fire reaction (EN 13501-1)	A1
Compression resistance EN 1015/11 (N/mm ²)	35 (after 28 days)
Blending resistance EN 1015/11 (N/mm ²)	8 (after 28 days)
Aging resistance	Excellent
Custom code	3824 50 90

PRODUCT PERFORMANCES ACCORDING TO UNI EN 998-1

Compressive strength at 28 days (EN 1015-11)	≥35 N/mm ² (Class IV)
Flexural strength at 28 days (EN 1015-11)	≥8 N/mm ²
Adhesion (EN 1015-12)	≥ 0.45 N/mm ² (Break type: A)
Thermal conductivity λ (EN 1745)	1 W/m.K
Fire reaction (EN 13501-1)	A 1

Volatile Organic Compounds Emission

Parameter	Max. allowed concentration ($\mu\text{/m}^3$)
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

PRODUCT FOR PROFESSIONAL ONLY

Product complying with prescriptions of 2003/53/CE Directive.

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