



WINFLEX CEMENT SUPER

Art. code see DDT

Date of issue 15.10.2014

Review nr. 04

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COMPLYING WITH THE UE RULE

UNI EN 1504-2 (C)

PI-MC-IR

CONCRETE SURFACES PROTECTION
SYSTEMS

PRODUCT CHARACTERISTICS

Elastic pre-mixed two-component, waterproofing, protective for concrete, brickworks and plasters, ideal for containing of drinking water, formulated by WINKLER Research & Development Laboratories.

WHERE TO USE

It is applied for waterproofing tanks containing drinkable water, terraces, pools, etc. before the collocation of ceramics. It is used as elastic curing plaster also on lightened cement, protective curing plaster on structures in contact with sea water. Curing of viaducts and/or buildings subject to carbon dioxide effects. Curing of fissured plasters in order to avoid further damages.

PREPARING THE SURFACES

Clean carefully the support in order to remove: damaged concrete, salts, dust, crumbly parts, unknown or anti-adhesive substances. If necessary wash by sandblasting or by water jet pressure. Soak the support with water before application.

RECOMMENDATIONS

No additives nor cement required.
Do not use if the container is damaged.
Do not apply on asphalt or bitumen treated surfaces.

APPLICATION

Mix well the two pre-dosed components (powder and liquid) until getting a homogeneous mixture. The product can be applied with spatula, trowel or spray. Reinforce with appropriate fiber-glass net, to be embedded in the still fresh first layer. Wait for complete drying before applying the second coat.

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT



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ADVICES

We advise to apply at temperatures between +5°C and +35°C. Protect it from sun and wind during the first 24 hours, if necessary keep on wetting the surface even after the application. Store the product, before using, out of frost and in a dry place. Mix with cold water. Wet mortar can be removed from tools by running water. After the hardening it can be cleaned just mechanically.

CONSUMPTION

1.7 kg/m² per each mm of thickness.

Minimum Thickness: 2 mm

Maximum thickness: 4 mm (in 2 coats with embedded reinforcement).

PACKAGING

20kgs bags. (Component A)

10kgs cans. (Component B)

STORAGE

The product (A + B) is stable for 12 months when stored in its unopened package, 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.

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TECHNICAL DATA (average values)

WINFLEX CEMENT SUPER meet the principles delineated in ENV 1504-9 (" product and systems for protection and reparation of concrete structures: definitions, requirements, quality control and conformity valuation. General principles for usage of products and systems.") and the minimal requirements requested by EN 1504-2 covering (C) according to PI,MC and IR principles ("Concrete surface protection systems").

PRODUCT FOR PROFESSIONAL USE

PRODUCT CHARACTERISTICS	COMP. A	COMP. B
Aspect:	Powder	Liquid
Colour:	grey	White
Mixture Ratio:	2 parts	1 part
Dry content :	100 %	50 %
Texture:	Plastic - applicable by trowel	
Mixture duration:	60 minutes	
Mixture volume mass (kg/m ³)	1700	
Fire reaction (Euroclass):	C, s1-d 0	
Adhesion to support (EN 1542) (N/mm ²) (after 28 days +20°C and 50% U.R.)		
CONCRETE	0,95	
FIBRE-CEMENT	0,65	
TILE	0,80	
Vapour permeability (μ)	1200	
Waterproofing to passive water pressure EN 14891-A 7(4,0 bar in positive thrust)	No penetration	
Crack Bridging Ability according to EN 14891.		
After 7 days	0,90 mm size	
DOPO 28 gg	1,20 mm size	
Release of any element after immersion into water	No release (dry content 0%)	
Custom code	3824 50 90	

Complying with UNI EN 14891

PRODUCT COMPLYING TO 2003/53/CE PRESCRIPTIONS

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