

COMPLIANT WITH EU RULE

**UNI EN 1504-6**

FIXING MORTAR

### PRODUCT'S NATURE

Non-shrinking cementitious anchorage grout admixed with agents for the shrinkage control both during the plastic and the hardened phase. Selected graded aggregates.

### APPLICATION FIELDS

Product used for grouting and fixing machinery, beams, pillars and basements of steel structures.

### PREPARING THE SURFACES

Remove the degraded concrete if necessary, sandblast or wash carefully with a jet of pressurized water the surface that must be free of salts, oils, greases, friable parts and foreign or anti-stick substances. Soak the substrate before application.

### RECOMMENDATIONS

- Do not add cement or additives.
- Do not use if the bag is damaged.
- Do not add water when the mixture begins to set.
- Do not apply on asphalt surfaces or treated with bitumen.
- Do not apply on smooth surfaces.
- If necessary, add contrast reinforcements.

### APPLICATION

Mix well until getting a homogeneous mixture. Apply the product by dripping. Drip WMA-WINFORCE into the suitably prepared seat and finish the surface with a spatula and / or trowel. Apply in thicknesses up to 5 cm.

### WARNING

Apply between +5°C and +35°C. Protect from sun and wind during the first 24 hours and if necessary keep on dampening the surface even after the application. Store the product, before use, away from frost and in an environment protected from moisture. Mix with cold water. Remove fresh mortar from the tools with running water. After hardening, cleaning is carried out only mechanically.

### CONSUMPTION

About 2.1 kg/m<sup>2</sup> per mm thickness.

### PACKAGING

25 Kg bags – 60 bags per pallet.

### STORAGE

The product has 12 months stability if properly packed and store in a cool dry place between +5°C and +35°C.

## SAFETY NORMS

### PRECAUTIONS

For information about safety norms, the user must consult the most recent Safety Sheet, edited in conformity with the Norms in force, containing physical, toxicological and other data about the product in use.

### ECOLOGY

Do not throw the product and /or empty packs out in the environment. Consult the most recent Safety Sheet for further information about eventual disposals.

### TECHNICAL DATA

Max diameter aggregates:	3 mm
Appearance	powder
Color	grey
Water for mixture per 25-kg bag:	Min 3.30 litres, Max. 3.70 litres
Resistance to compression (EN 12190) (MPa):	> 85 MPa after 28 days
Mechanic resistance to bending:	> 9,5 MPa after 28 days
Specific weight (EN 12350-6):	2250 kg/m <sup>3</sup>
Adhesion to substrate (EN 1542) (MPa):	> 7 MPa after 28 days
Adhesion to smooth steel:	> 4,5 MPa after 28 days
Adhesion to steel with improved adhesion:	> 35 MPa after 28 days
Fire reaction (Euroclass):	A1
Mixture shelflife:	60'
Mixture pH	>12
Chloride ions content (EN 1015-17) (%)	≤ 0,05
Custom code	3824 50 90

## Volatile Organic Compounds Emission

Parameter	Max. allowed concentration ( $\mu\text{/m}^3$ )
TVOC after 3 days	$\leq 750$
TVOC after 28 days	$\leq 60$

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 meets with prescriptions of 2003/53/CE Directive.

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