

COMPLYING WITH EU RULE

UNI EN 1504-7

PROTECTION AGAINST  
REINFORCEMENT  
CORROSION

## DESCRIPTION

Orange-coloured, one-component cement-based product, added with corrosion inhibitors for the protection of reinforcement bars, formulated in the WINKLER Research & Development laboratories.

## USE FIELDS

Product used for the treatment and passivation of reinforcement rods in restoration works, in metal reinforcements of structures subject to atmospheric aggression.

## SURFACES PREPARATION

Thoroughly remove oxidation signs by reinforcement rods with an iron brush or mechanically, remove concrete subject to carbonatation and make sure that the surfaces are free from: dust, oils, grease and foreign or anti-adherent substances and friable parts.

## WARNING

Do not add cement nor additives.  
Do not use if the packaging is damaged.  
Do not add water.

## APPLICATION

Mix well with 22% of clean water, until getting a homogeneous mixture and apply with a brush.

## PRECAUTIONS

Apply WR07 – TIXOTROPICA, structural repairing mortar within 7 days from the application of WAR M. Apply at temperatures between +5°C and +35°C.

## CONSUMPTION

200 g/m (bar diameter: 8-10 mm)

## **PACKAGING**

1-Kg bags - 12 pieces per box.

5-Kg bags

## **STORAGE**

The product 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.

## **TECHNICAL DATA (average values)**

WAR M complies with the requirements defined in UNI EN 1504-9 ("Products and systems for protection and restoration of concrete structures: definitions, requirements, quality control and conformity assessment. General principles for the use of products and systems") and to the minimum requirements of UNI EN 1504-7 ("Protection against corrosion of reinforcements").

## TECHNICAL FEATURES

CARATTERISTICHE	RISULTATI
Aspect:	powder
Colour:	orange
Application temperature:	from +5°C to +35°C
Specific gravity:	1.95 gr/cm <sup>3</sup>
Pot Life:	15'
Dust-free time:	30' / 40'

## PRODUCT CHARACTERISTICS IN COMPLIANCE WITH THE UNI EN 1504-7 STANDARDS

FEATURES	STANDARDS	RESULTS
Corrosion resistance	UNI EN 15183	Passed
Adhesion on concrete	UNI EN 1542	2.8 MPa
Pull-out resistance	UNI EN 15184	Passed
Fire reaction	UNI EN 13501-1	Euro-class A1

## PRODUCT FOR PROFESSIONAL ONLY

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