PRODUCT DATA SHEET

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CE

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COMPLYING WITH EU RULE
UNI EN 1504-7
PROTECTION AGAINST REINFORCEMENT CORROSION

DESCRIPTION OF THE PRODUCT
Two-component corrosion inhibitor for reinforcement bars, based on a special synthetic resin in water dispersion.
Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE
The product is designed for the treatment and passivation of reinforcement bars in restoration works, as well as for metal structures exposed to atmospheric agents.

SURFACE PREPARATION
Thoroughly remove all signs of corrosion from the reinforcement bars using a wire brush or mechanical methods. Remove any carbonated concrete and ensure that the surfaces are completely clean and free of dust, oils, grease, foreign substances, non-adherent residues, and loose or friable material.

RECOMMENDATIONS
Do not add cement or any additives.
Do not use the product if the packaging is damaged.
Do not add water.

WARNINGS
Apply the mortar within 7 days of the product application and at temperatures between +5°C and +35.

APPLICATION
Mix thoroughly the two prepackaged components (powder and liquid) until a homogeneous compound is obtained, then apply the product using a brush.

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

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PACKAGING
1.56 kg (A+B bags) – 12 pcs/each per box

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).

TECHNICAL FEATURES

FEATURES	COMPONENT A	COMPONENT B
Appearance	Powder	Liquid
Colour	Orange	Milky White
Density at 20°C	-	1.03 g/cm^3
Mixing Ratio	4	1
Application temperature	Not less than +5°C	
Mixture Density at 20°C	1.95 g/cm^3	
Toxicity	Non toxic	

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PRODUCT CHARACTERISTICS
IN COMPLIANCE WITH UNI EN 1504-70 STANDARDS

FEATURES	STANDARD	RESULTS
Corrosion Resistance	UNI EN 15183	Passed
Adhesion on Concrete	UNI EN 1542	≥2.0 MPa
Pull-Out Resistance	UNI EN 15184	Passed
Reaction to fire	UNI EN 13501-1	Euroclass A1

The product complies with the requirements of Directive 2003/53/EC.

PRODUCT FOR PROFESSIONAL USE ONLY

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