

WRM 483 CEMCOAT **FINE CEMENTITIOUS RESIN** **PUTTY FOR CONCRETE**

R2 ACCORDING TO
EN 1504-3

DESCRIPTION

WRM 483 CEMCOAT is a fine cementitious putty reinforced with special resins, quartz sand and other special admixtures. Suitable for interior and exterior use

in concrete. It is easily applied and provides a smooth final surface, high resistant to abrasion, with very good adhesion to the substrate and ready for painting.

APPLICATION FIELDS

Ideal for a number of applications on concrete, such as:

- local repairs
- sealing cracks
- sealing pores, etc.

Also suitable for putting surfaces from:

- exposed concrete
- plaster, etc.

ADVANTAGES – CHARACTERISTICS

- Produced with quartz sand.
- Strong adhesion to concrete.
- High resistance to abrasion and weather conditions.
- Exceptional mechanical resistance.
- Smooth final surface.
- Allows surfaces to breathe.
- Exceptional workability and thixotropic behaviour
- Produced and inspected in conformity with European Standard EN 1504-3.

SUBSTRATE PREPARATION

At first, make sure the application surface is stable, clean and free from dust, grease, loose foreign particles, salts, oil and other impurities. Remove loose residues, such as

old skinned paint, old plaster, etc. Before applying **WRM 483 CEMCOAT**, rinse well the surface of the substrate.

APPLICATION

Empty the content of the bag of 25 kg into a clean container while stirring well. Apply with spatula 1-2

layers up to 5 mm thick. Scrub by hand or refiner after the material has fully dried.

APPLICATION RATE – SHADES

- Application rate is approximately 1.3 kg/m²/mm of application layer.
- Available in grey and white.

PACKAGING – STORAGE

The product is packed in 25kg paper bags and 5kg plastic. Available in white and grey. It's stored in sealed packaging for at least 12 months after production date, in areas protected from humidity, frost and intense radiation.

CLEANING OF TOOLS AND MACHINES

With plenty of water immediately after use.



NOT RECOMMENDED

The application of the product under frost or heat conditions is not recommended.

PRECAUTIONS

The product **WRM 483 CEMCOAT** contains cement and reacts with water for the production of alkaline solution. Therefore, eyes and skin should be protected. In case of contact, wash with plenty of water. In case of eye contact, immediately seek for medical advice.

Read the information on the label and the Product Technical Sheet before use. Wear the appropriate protective clothes and gloves. The MSDS of the product is available upon request to professionals.

TYPE ACCORDING TO THE EUROPEAN STANDARD EN 1504 – CLASS R2

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Form			dry powder
Colour			white, grey
Total application thickness	(mm)		5
Application temperature	(°C)		+5 to +35
Temperature resistance	(°C)		-30 to +90
Reaction to fire	(Class)		A1
Maximum grain size	(mm)		0.5
Working time	(h)	EN 1015-9	2.5
Dry bulk density	(Kg/l)	EN 1097-3	1.25±0.1
Bulk density of fresh mortar	(Kg/l)	EN 1015-6	1.65±0.1
Compressive strength	(N/mm ²)	EN 12190	≥20
Flexural strength	(N/mm ²)	EN 12190	≥6
Chloride content	(%)	EN 1015-17	≤ 0.05
Adhesion after restrained shrinkage / expansion	(MPa)	EN 12617-4	≥ 0.8
Cracks, detachments or other defects			none
Adhesion strength	(MPa)	EN 1542	≥ 0.8
Capillary water absorption	(Kg·m ⁻² ·h ^{-0.5})	EN 13057	≤ 0.5

Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative Humidity 50 % and without ventilation. They may vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation and absorability of the substrate.

The technical information and guidelines in this brochure related to the application and end-use of THRAKON products are based on the Company's current expertise and experience on the products and are given in good faith provided they are properly stored, used and applied in accordance with the guidelines given by THRAKON. Given that we are unable to directly inspect the conditions that prevail at the worksite as well as the application of the product, the Company shall not provide any guarantee regarding the suitability of its products for any particular purpose and disclaims any legal responsibility that is based on written information in this brochure or on written or oral or otherwise provided recommendations and guidelines. By applying the product on a small surface, the users are advised to test the product's suitability for the intended application and purpose. THRAKON reserves the right to amend the properties of its products without prior notice. All orders are accepted only after acceptance of the above and under the Company's respective Trade Policy terms. This version of the technical data sheet automatically cancels any previous version.