

DANOCRET PROTECT 500 FLEX

Flexible cementitious membrane for waterproofing potable water tanks, lift shafts, swimming pools, terraces, unique points and surface protection for concrete. Two-component



EPD[®]



EPD S-P-03332

DANOCRET[®] Protect 500 Flex is a flexible, waterproof, two-component PCC cementitious membrane to protect the surface and waterproof concrete and mortar. Made with a base of hydraulic binders, selected aggregates and polymers that grant it excellent elasticity, adherence and waterproofing ability.

Presentation

- Appearance: Viscous white liquid
- Colour: White
- Weight (kg): 10
- Yield (kg/m²): 3
- Product code: 721006

Technical Data

Concept	Value	Standard
Capillary Absorption (kg/m ² h ^{0.5})	≤ 0,05	EN 1062-3:2008
Crack elongation capacity	2.50 mm (capa de 2 mm a 23 °C)	-
Classification according to EN 14891 Table 4	MC02P	-
Bulk density (kg/L) _v ~ Value	1,04 ± 0,01	-
Maximum thickness (mm)	3	-
Minimum thickness (mm)	2	-
Thickness per layer	Nunca superior a 2 kg/m ²	-

Additional Technical Data

Concept	Value	Standard
Potable water compatibility	Sí	RD 3/2023
Solids content (%)	Comp. B: 57 ± 2	-

Scope

- Suitable for reducing rising damp in buried structures and lift shafts.
- Suitable for contact with drinking water, in accordance with the requirements of the Spanish Royal Decree R.D. 3/2023..
- Effective as a waterproof and flexible barrier for micro-cracked plasters.
- Waterproofing of balconies and terraces.
- Waterproofing of bathrooms, kitchens and swimming pools before final coating.
- Protection of concrete surfaces, for protection from seawater and salts.
- Waterproofing and surface protection of eaves and areas with only maintenance traffic.

Advantages & Benefits

- Anti-carbonation action.
- High protection against saltpetre and seawater according to UNE EN 1504-2.
- Suitable with ARGOCOLA® ELITE 500 C2TES1.
- Good adhesion on non-enamelled substrates (1.1 N/mm², method EN 1542).
- Compatible drinking water RD 3/2023.
- Elasticity ensures bridging of cracks up to 2.50 mm.
- Prevents damp due to condensation.
- Prevents the appearance of efflorescence.
- Elasticity that ensures the bridging of cracks of up to 2.50 mm.
- Impervious to water.
- Resistant to freeze/thaw cycles.
- Accessible system under tile.
- Resistant to negative pressures and positive pressures.

Support

- Mortar renderings.
- Concrete/Screed.
- Laminated plasterboard.
- Ceramic wall tiles and natural stone.

Instruction for Use

- Before applying the product, check that the application surface is dry, clean and free of solid debris and irregularities.
- Protect yourself adequately for handling the components with appropriate gloves and mask. See safety data sheet.
- Mix the two components in the plastic container to a uniform mass.

- Apply to cracks and joints first. We recommend using 4×4 mm glass fibre reinforcement MALLA FV 60.
- If reinforcing use a trowel/roller/projecting machine to apply the first coat and place in fresh MALLA FV 60 reinforcement also in the corners.
- Apply the remaining coats crosswise to the previous one for best result (see Drying Time).

Warning

- Wet porous supports well before applying the first coat as a primer.
- Commissioning must be more than 7 days in contact with water.
- Clean tools with water right after finishing. If there is solid dirt, we recommend scraping it off.
- For application on wood fibres, ensure adhesion on 100% of the substrate.
- Do not reuse the containers.
- Protect the edges from rainwater penetration by preparing the substrates and using the most suitable product from the ARGOTEC® REPARATION range to prepare them and prevent the accumulation of material.
- It is recommended to apply a minimum of two coats of product of at least 1 mm thickness each.
- Accessible after 24 - 48 hours of drying.
- Once the mixture is ready, you have a maximum of 30 minutes to apply it.

Handling, storage and preservation

- Store the product between 5°C and 30°C for a maximum period of 12 months.
- Keep the containers tightly sealed and protected from extreme temperatures (keep between 5°C and 30°C), protected from direct sunlight and heat sources. For a period not exceeding 12 months.

Cleaning of Work Tools

- If the product is fresh, with water
- If the product is dry, scraping

Notice

- The information contained in this document and any other advice provided, are given in good faith, based on DANOSA's current knowledge and experience when products are properly stored, handled and applied, in normal situations and in accordance with the recommendations of DANOSA. The information applies only to the application (s) and the product (s) to which reference is expressly made. In case of changes in the parameters of the application, or in case of a different application, consult the DANOSA Technical Service before using the DANOSA products. The information contained herein does not exonerate the responsibility of the building agents to test the products for the application and intended use, as well as their correct application in accordance with current legal regulations. The product images used in our communications are indicative and may differ slightly in color and aesthetic appearance in relation to the final product. Orders are accepted in accordance with the terms of our current General Sales Conditions. DANOSA reserves the right to modify, without prior notice, the data reflected in this documentation. Website: **www.danosa.com** E-mail: **info@danosa.com** Telephone: **+34 949 88 82 10**