DATA SHEET

Lunik

MONOCEM

MONOMPONENT MICROCEMENT

Description

MONOCEM is a high quality cementitious coating to renew and decorate interior and exterior surfaces. With a single component, it is easy to prepare and apply. It offers excellent adhesion to different substrates and resistance to abrasion, water and chemicals.

Surface Preparation

The support must be clean of dust and grease. In the case of concrete, furthermore, the support must be firm (minimum tensile strength of 1.5 N/mm2) and dry (maximum permitted humidity 4%).

Before applying MONOCEM, it is essential to prepare the surface according to the conditions of the application support. Some applications require specific solutions, such as the use of flat fiberglass mesh. You must choose between a bonding bridge such as PRIMER or PRIMERQUARTZ or the use of epoxy primers such as PREPOX or PREPOX H2O.

Technical Data

Color	white powder
Water Proportions	XL,L: 30%, M: 35%, S: 40%
Arid Size	S: 0.1mm / M: 0.2 mm L: 0.4 mm / XL: 0.6 mm
Compression Resistance	≥35 N/mm² (28 days)
Flexural strength	≥10 N/mm² (28 days)
Adhesion resistance	≥1,2 N/mm² (28 days)

Application

1. Preparation of the substrate

Depending on the type of surface, apply one or two layers of tradicem XL or L with a metal trowel. On floors, always apply two layers and a flexible fiber mesh. After each coat, let dry and sand lightly with 40-grit sandpaper to remove imperfections.

Application

2. Finish

Apply two coats of MONOCEM M or S with a flexible steel trowel using one of the following two techniques:

- "Fresh on fresh": MONOCEM can be applied fresh over the previous layer as soon as it is no longer sticky to the touch. This first layer does not need to be sanded. Any burrs or lumps can be removed with a putty knife, leveling the protruding material. Once dry, sand gently with 120-grit sandpaper to eliminate imperfections when it changes shade and lightens.

- "Fresh on dry": Let the previous coat dry (approximately three hours) before applying the next, and sand lightly with 120-grit sandpaper to remove imperfections. A total system thickness of 1 to 3 mm is recommended.

3. Sealing

Lunik microcements must be sealed once they have hardened, normally between 24 and 48 hours after application. Sealing should not occur before the coating has reached a humidity of less than 5%. Lunik microcements can be sealed using PRESEAL primer and VARNISH W water-based varnish. It is recommended to meticulously follow the application instructions indicated in the technical sheets.

Conservation

The product can be stored for one year in original, closed containers and covered places.

Precautions

In case of contact with eyes, wash them with plenty of clean water and consult a doctor. Hands and skin should be washed with soap and hot water. Avoid release to the environment.

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