DRENATECH® Primer H$_2$O

TWO-COMPONENT PRIMER IN WATER EMULSION, PERMEABLE TO RISING VAPOUR FOR THE PREPARATION OF BOTH ABSORBENT AND NON-ABSORBENT SUBSTRATES.

PRODUCT FOR PROFESSIONAL USE ONLY

Description and uses

Two-component adhesion primer in water emulsion to be used before installing *DRENATECH®*. To be applied in a single coat on both absorbent substrates (cementitious substrates, with the exception of asphalt and natural stone) and non-absorbent substrates (ceramic tiles and glass), provided they are not excessively humid.

Preliminary operations

Application on absorbent substrate
When working on an absorbent substrate, ensure that it is compact, free of structural cracks and fissures, degreased and clean.

Application on non-absorbent substrate
When working on non-absorbent substrates, the following steps must be performed before applying *DRENATECH® Primer H$_2$O*:
1. use shot peening machine or single brush equipped with an abrasive disc in order to roughen the surface and promote mechanical adhesion;
2. wash thoroughly with a 10% solution of water and soda;
3. rinse thoroughly with water;
4. wait until the surface is dry, then apply *DRENATECH® Primer H$_2$O.*

How to use

Pour the contents of Component B into Component A, add 10% by weight of water and mix with a low-speed mixer fitted with a helical whisk until a homogeneous mixture is obtained.
Apply to the substrate with a long-hair roller or brush at a rate of 200-250 g/m^2 for absorbent surfaces, or 150-200 g/m^2 for non-absorbent surfaces (use short-hair roller or brush). *Before installing DRENATECH® it is necessary to wait for the surface drying of DRENATECH® Primer H$_2$O.*

Other information

The drying and curing times indicated refer to an ambient temperature of 23°C and R.H. 50% (lower temperatures lengthen the time, higher temperatures shorten it). Once hardened, the product can only be removed mechanically.

Product characteristics

Appearance:
Component A: white viscous liquid
Component B: yellow viscous liquid

Chemical base:
Component A: epoxy resin in water emulsion
Component B: amine hardeners in aqueous emulsion

Workability time:
90 min. at 23° C and R.H. 50%

Dilution: 10% with water

Application:
Absorbent surfaces: with long-haired roller or brush
Non-absorbent surfaces: with short-haired roller or brush

Quantity:
200-250 g/m2 absorbent surface
150-200 g/m2 non-absorbent surfaces

Application temperature:
from +10°C to +30°C

Application of DRENATECH®:
after surface drying

Storage temperature:
from +5°C to +30°C

Storage shelf life:
12 months in original, unopened containers

Cleaning tools: with water until fresh

Suitable for use: outdoor

Safety instructions:
Component A: Xi irritant; N dangerous for the environment;
Component B: C corrosive

Packages:
Component A: 5 kg plastic bucket
Component B: 5 kg plastic bucket

Safety and disposal instructions

Before using the product, read the relative safety data sheet. During use, it is recommended to protect hands and eyes with appropriate P.P.E. (for hands we recommend the use of N.B.R. rubber gloves). Observe applicable safety regulations. Do not dispose of residual product on soil, in surface water or in drains. When disposing of the product and other waste produced during usage, comply with the terms of Italian Law Decree 152/2006 and subsequent modifications. (Unified Environmental Law).

Warnings

For further information please contact our Technical Department. The contents of this sheet replace and supersede the contents of the previous edition.

The information given in this product technical data sheet is to the best of our theoretical and practical knowledge at the time of drafting this documentation. As it is not possible to go into the details of each individual application, the information given here is of a general nature. Each specific case must be subjected to a practical test on site by the user, who assumes full responsibility for the correct use of the product as indicated in this document and the final outcome of the work.