



DDL.TADELAKT

Datasheet

551, 552, 553, 554 (6 kg)
561, 562, 563, 564 (27 kg)

TECHNICAL DATA

PASTE PRODUCT

Weight by package.....6 kg
Dry bulk density (EN 1015-10).....
.....1750 to 1800 kg/m³
Conservation.....1 month
Mixing time..... 5 minutes
Yield.....1.5 to 2.0 kg/m²/mm
Work time.....5 minutes
Drying time.....30 minutes

PERFORMANCE

Compressive strength (EN 1015-11)CS I
Adhesion (EN 1015-12)≥ 0.2 N/mm² - FP:B
Capillary water absorption (EN 1015-18).....W 1
Water vapour permeability coefficient (μ) (EN 1015-19)≤ 15 kg/m².s.Pa
Reaction to fire (class) (EN 13501).....A1
Durability.....
Varies according to the conditions at the local of application
Colour.....Catalogue

The indications and information are provided in good faith and reflect the last developments. DDL assures the consistent quality of the product, and is not liable regarding its application. Previous tests are recommended to verify the suitability of the product to the substrate and the environmental conditions at the local of application.

Date

April 2017 (version 1)

DESCRIPTION

DDL.TADELAKT is a traditional premixed mortar of two components (colored paste and dry components). It consists in a 3 months matured natural aerial hydrated lime in paste and natural hydraulic lime as binding materials, and properly calibrated aggregates. The aggregates are siliceous and carbonated (marble dust) of granularity < 160 μm and other additives. It's a finishing material product, for indoor and outdoor application.

DDL.TADELAKT recreates a traditional Moroccan finishing solution and has a shiny polished look.

APLICABILITY

DDL.TM JOINT was designed as a finishing mortar for indoor and outdoor application and it has a colored and fine look.

PREPARATION AND ENVIRONMENTAL CONDITIONS

Before applying **DDL.TADELAKT** the substrate must be clean of all dust, dirt and paint by brushing or chiselling. Salts, grease and other contaminants must also be removed.

The substrate must be prepared with DDL.LMM Standard, with a layer of 15 mm minimum.

After the cleaning, the substrate must be wetted with clean water on the previous day of the application. To highly absorbent materials, before the application, the wetting must be repeated.

The application must not be done when the temperatures are above 25 °C, nor below 5 °C. The relative humidity must be below 80 %. The application must not be done under strong wind. Until 24 hours after the application, the mortar must not be under rain, direct sunlight or frost.

APPLICATION AND RECOMMENDATIONS

To prepare **DDL.TADELAKT** the paste must be mixed before adding the dry components. Do not mix any more water. Mix mechanically for 5 minutes until the paste is homogenic.

Apply the mixture manually with a spatula in a thin layer (1,5 to 3 mm until the surface is leveled. Do not use metallic tools as it may alter the color of the product. Once the mortar starts setting the layer must be pressed until it has a homogenic finish. The first layer must maintain texture so that the second layer adheres properly. The second layer must be applied in the same day and must be between 0,5 and 1 mm thick and smooth. The layer must be pushed after setting so the surface gets homogenic, with no open pores. This must be with sensible strength so that the layer does not crack or falls. If this happens the area must be removed and applied again.

The first polishment must be done when the second layer is hard at the surface. To polish natural soap must be applied. The polishing stone must have high hardness. After the polishing, apply wax.

Not wetting the substrate can cause cracking. Saturation is neither recommended. Too much mixing water makes the mortar prone to cracking and the decrease of its mechanical characteristics and durability.

Equipment and tools must be washed with clean water. The product's pH is high, therefore the materials must be protected from alkaline damages. Do not add any other products.

It is recommended to pre-test the product before use.

Can be used with DDL products for tile application.

SAFETY, HEALTH AND ENVIRONMENT

Avoid contact with the eyes and skin. Use gloves and safety goggles. Keep away from children.

Keep the bag well sealed and in suitable a place. Ensure the adequate transportation of the product. Keep the package in a safe place, do not use or store the product in extreme conditions of temperature, and keep it away from ice and humidity. Always keep in mind the applied legislations.

For more information check the label and the safety data sheet.