

### ■ Use

**MARMOLAKT® tadelakt plaster** is a natural and eco-friendly lime plaster for indoor and outdoor decoration. **Tadelakt plaster** is the traditional coating of the palaces, hammams and bathrooms of the riads in Morocco. **Tadelakt plaster** has a luxurious, soft aspect with undulations due to the work of the artisans who finish it. **MARMOLAKT® tadelakt plaster** confers great decorative capacities; it provides a smooth, sometimes shiny, finish. **MARMOLAKT® tadelakt plaster** is suitable for bathrooms walls, bathtubs, showers, washbasins, hammams and kitchens walls as well as entrance halls, staircases, living rooms and even outdoors. **MARMOLAKT® tadelakt plaster** is also recommended for the restoration of the stucco finishes of historical buildings. **MARMOLAKT® tadelakt plaster** allows to obtain also the *marmorino Venetian plaster finish*. **MARMOLAKT® tadelakt plaster** is available in white and is colored using compatible natural pigments or dyes.

#### • Composition

Non hydraulic lime, fine powdered marble and vegetable additives. Made from a selection of non-toxic and biodegradable ingredients that are eco and health friendly. Free from asbestos, formaldehyde and heavy metals.

#### • Features

- Very luxurious and decorative finish.
- High breathability.
- Good resistance to UV (coloring with natural pigments).
- Natural and eco-friendly lime plaster.
- CO<sub>2</sub> absorbent (during the carbonation process, lime absorbs CO<sub>2</sub> contained in the air).
- It naturally combats bacteria and mould.
- Odorless, solvent free, no harmful emissions.

E.U. Classification : VOC compliant.

### ■ Application

#### • Surface preparation

Indoor and outdoor surfaces should be in conformity with the current standards in force. Surfaces must be homogeneously absorbent, sound, clean, dry, non-friable and deprived of salts, moisture and moulds.

For areas where **MARMOLAKT® tadelakt plaster** will be exposed to running water (shower, washbasin, bathtub ...) a reasonably water resistant mineral support surface should first be applied (resurfacing mortar, cement mortar, cement/lime mortar, hydraulic lime mortar). We recommend our resurfacing mortar MULTITOP.

For a Tadelakt finish: apply to a dried and floated finish coat of MORTIER D'ASSAINISSEMENT GROS rough lime mortar.

For a Marmorino Venetian plaster finish: apply to a dried and floated finish coat of MARBREX R or MINERAL 000 lime plasters.

**For other surfaces, contact us for technical support.**

#### • Mixing

In an appropriate container, mix 12 litres of water and the required quantity of pigment, (prevent the formation of lumps. If necessary, filter the coloring fluid using a fine sieve). Gradually add the powder from the 20 kg bag of **MARMOLAKT® tadelakt plaster**. Mix thoroughly to obtain a homogeneous and rather solid paste. Adjust the consistency of the paste by adding water where necessary. Leave to rest for 15 minutes and re-mix just before application. This will give a better homogeneity.

**MARMOLAKT® tadelakt plaster can be prepared in a concrete mixer. Contact us.**

#### • Application

Appropriate tools : stainless steel trowel, plastic finishing trowel, river stone.

For a Tadelakt finish: apply one even coat of 3mm to 5mm thick **MARMOLAKT® tadelakt plaster** using a stainless steel trowel to cover the MORTIER D'ASSAINISSEMENT GROS rough lime mortar coat.

While the coat is still damp, eliminate all voids with a plastic finishing trowel.



Finally, polish mechanically before it dries completely, using a river stone or a stainless steel trowel to provide a smooth, sometimes shiny, finish and treat with a soft soap (Marseille soap or Black soap) to acquire the final appearance and water resistance.

*For a Marmorino Venetian plaster finish:* apply one even coat of 1mm to 1.5mm thick **MARMOLAKT® tadelakt plaster** using a stainless steel trowel to cover the grain of the MARBREX R or MINERAL 000 lime plasters. When the coat begins to harden, apply a thin second coat *a fresco* (wet on wet). Finally, polish mechanically before it dries completely, using the stainless steel trowel or the plastic finishing trowel or a river stone to provide a smooth, sometimes shiny, finish and treat with a soft soap (Marseille soap or Black soap) if desired.

**A polychrome effect may be obtained by overlapping different colors of MARMOLAKT® tadelakt plaster or by applying a final coat a fresco of our FINITION S lime stucco.**

- Drying

24 hrs to 48 hrs depending on the absorbency of the substrate and the ambient humidity.

**Where humidity, condensation or water-vapor is present, efflorescence, whitening, variations in color and fading may occur on surfaces that are not totally carbonated. Before treat, protect the end result from any rain for several days. To accelerate carbonation after the tadelakt plaster has thoroughly dried, we recommend that you spray the surface gently from bottom to top with clean water using a low pressure spray. Avoid any streaming. Repeat this several times, leaving time to dry in between each spraying.**

- Coverage

- *For Tadelakt finish:* 3 kg to 5 kg / m<sup>2</sup>.

- *For Marmorino Venetian plaster finish:* 1 kg to 2 kg / m<sup>2</sup>.

**Depending on the surface and the desired end result.**

- Protection

To protect the surfaces from water and stains: waterproof using a soft soap (Marseille soap or black soap) or our HYDRO R / HYDROMAT water repellents (2 to 3 coats) and then wax with our CIRE SOLIDE natural bees and carnauba wax (2 to 3 coats).

For a highly protection, do not apply soft soap or wax but waterproof using our HYTOP water and oil repellent.

For outdoor work, waterproof with 1 or 2 coats of our HYDRO R / HYDROMAT water repellents for a natural matt finish or with our HYTOP water and oil repellent for a shine wax finish.

**Check for total waterproofing before running any water.**

- Practical advice

Clean all tools with water immediately after use.

Apply and store at a temperature of +5°C to +30°C (40°F or 85°F).

Do not apply to hot or damp surfaces or those directly exposed to the sun, or in the wind or the rain.

Each wall section should be finished the same day. All overlapping should be done in corners or door angles.

Protect the surrounding areas from splashes or clean with water immediately.

### ■ Health Caution

Irritating to the eyes and skin. **MARMOLAKT® tadelakt plaster** contains lime and is alkaline on contact with water. During mixing and application avoid contact with eyes. In case of contact with the eyes, rinse well with fresh water and contact a specialist if any symptoms persist. Avoid prolonged contact with skin. Keep out of the reach of children.

### ■ Storage

**MARMOLAKT® tadelakt plaster** will keep for one year in its original closed packaging. Protect from frost and humidity. However, as it is essentially lime, it will keep for several days if it is covered with a thin layer of clean water. However, we recommend that you only prepare the quantity required.

# MARMOLAKT®

Tadelakt plaster for indoor and outdoor use

## TECHNICAL DATA SHEET



### ■ Packaging

MARMOLAKT® tadelakt plaster is conditioned in recyclable paper bags of 20 kg.

*The information contained in this sheet are the expression of our knowledge and of test results. They can in no case be regarded as bringing a guarantee, or engaging our responsibility in the event of defective application. We recommend making a sample.*