

## • GENERAL

Mineral shiny plaster for water resistant surfaces in traditional Moroccan style. For interior use.

## • PROPERTIES

- Dry plaster
- Purely mineral
- Diffusive
- No artificial contents
- Neutral odour
- Resistant to dirt
- Water resistant; Tadelakt treated with polishing soap is water repellent
- Disinfectant due to high alkalinity

## • BINDING AGENT

Natural hydraulic lime.

## • INGREDIENTS (FULL DECLARATION)

Natural hydraulic lime, quartz sands of selected grain sizes, marble powder, clay,

diatomaceous earth, and cellulose

## • COLOUR

natural hydrated lime, ashes,  
Natural white

## • MIXING

Stir the dry powder gradually into given amount of clear, cold water. Use a powerful electric drill with a paint stirrer. After an expanding time of approx. 30 minutes, stir again thoroughly. Readily mixed TadelaktPro is to be used within 8 – 10 hours.

## • AMOUNT OF WATER

0.3 - 0.35 l of water for 1 kg of Powder, according to the absorbency of the surface. The amount of water can be increased slightly if necessary.

## • TINTING

Can be tinted with up to 10 % of lime resistant pigments. For example: 12 kg TadelaktPro can be tinted with up to 1200 g of pigments. Tinting with Titanium White and pure iron oxide pigments only up to 5 %.

Stir pigments with little water to a paste. Ensure that all clots are stirred out properly. Then stir the paste into the mixing water before adding the TadelaktPro powder. The pigment paste can also be added to the readily mixed TadelaktPro mass. Mix thoroughly to achieve homogenous tinting. Clean the rim of the bucket from time to time with a trowel.

## • TOOLS

The berb people in Marrakech use quite simple tools. The most effective is a stone, which increases in quality through use.

Other tools used in Marrakech are ladles for application, small self-made wooden trowels about 4 x 8 cm up to 7 x 20 cm or small plastic spatula, home made from plastic litter.

We usually use a Venetian Trowel for application and smoothing. If the material is densified with a stainless steel trowel, metal rubs off. Spring steel trowels do not rub off that strongly. Take care that the Tadelakt surface is not too dry during densification with the trowel. The drier the surface, the more metal rubs off.

Although TadelaktPro does NOT require polishing with the stone, you may eventually do it for additional bumpy effect.

A suitable stone can be found in nature or in mineral or new age stores. Suitable stones are of a hard, dense mineral such as basalt or agate. They should be pebbles up to 8 cm in diameter, with a smooth, relatively flat and only slightly rounded side. Since stones like that are quite rare, suitable stones can be wet grinded on a glass plate.



- **SUITABLE SURFACES**

**Recommendation**

We recommend the application of TadelaktPro on a new lime plaster according to plaster specification P 2 a (acc. to DIN 18550), highly hydraulic lime. Lime cement plaster is also suitable.

The surface of the plaster should not be too smooth, just soften down the texture slightly with a trowel. The texture does not have to be as even as it is usually done in Europe. The Moroccan ambience comes out very well with a slightly uneven, trowel-finished texture.

Old, not sustainable plaster should be removed or prepared for the application of a new lime plaster by grinding or removing damaged parts of the surface.

Instead of using gypsum fibre or gypsum plaster boards we recommend magnesia bonded wood fibre boards (Heraklith) as sub-surface for the plaster.

**Other surfaces**

In special cases TadelaktPro may be applied on surfaces such as gypsum carton or gypsum fibre boards, gypsum plaster, old plasters or clay using a special priming technique. On these surfaces TadelaktPro is less water resistant. The following sequences are possible:

1. Tile glue can be used as an adhesive sub-surface on these surfaces. Apply tile glue with a trowel and roughen it up.

The TadelaktPro is not easy to smooth and polish on surfaces primed this way because there is no buffer or storage for humidity. For this reason, apply a layer of TadelaktPro on the dry tile glue and let dry over night. Apply a second layer of TadelaktPro and treat as if it were applied on fresh plaster.

- **PREPARATIONS**

- Wet dry lime- and lime cement plasters before application.
- Brush sanding surfaces thoroughly and solidify with Casein Primer.
- Remove accumulations of binder and sintered skin from plaster surfaces.
- Remove residues of molding oil from concrete.
- Remove loose plaster and wall particles and fill with similar material.

- **USAGE**

**Short description of traditional Moroccan technique**

Tadelakt is applied with a trowel and, after setting, smoothed down and densified with small wooden boards.

The material is then smoothed with a plastic trowel and polished and densified with a stone in circular movements. Tadelakt must have set long enough to be able to polish the material. This point of time is depending on the water content of the surface, its absorbency and the climate, and may vary strongly.

**Our variation of the technique**

Apply TadelaktPro thinly with a Venetian trowel, leave to set and apply a second layer. After setting, smoothen with the special plastic trowel. Small irregularities and holes can be filled using a plastic spatula.



- **POLISHING**

PerfectSoap Polishing Soap (Art. PerfectS) is applied thickly with a soft brush. After a short setting time polish with a stone. Through this, a higher gloss and a water and dirt repellent surface is achieved, suitable for instance for bathrooms.

Chemically this process creates an insoluble lime-soap by the reaction of polishing soap with the lime in the surface.

Take also note of our product information Polishing Soap.

Perfectino PerfectWax

may also be applied for higher gloss. The emulsion is applied thinly with a soft cloth and polished after drying.

- **CARING FOR TADELAKT SURFACES**

Clean with water, add a little bit of Marseille soap if necessary. Use a soft cloth or sponge to wash off dirt.

Do not use household cleaning agents or scouring sponges.

If TadelaktPro has direct contact to water a second layer of polishing soap should be applied after 2 – 3 days. Use a soft cloth in a plastic bag to polish the soap to an even gloss.

- **REPAIRS**

Cut out the damaged part with a cutter knife or sand down, then repair with original material.

- **DRYING TIME**

Safe to coat after approx. 12 - 24 hrs. at 20 °C and 65 % relative humidity.  
Completely dry and solid after approx. 4 weeks.

- **CLEANING OF TOOLS**

Immediately after use with water.

- **YIELD**

Approx. 1.5 to 2 kg per 1 m<sup>2</sup>

- **PACKAGE SIZES**

Art.TAD5 ..... 5kg  
Art.TAD10..... 12.0 kg

Please refer to the valid pricelist for product prices.

- **STORAGE**

Stored dry and airtight Tadelakt can be kept for at least 6 months. Readily mixed TadelaktPro must be used within 8 – 10 hours.

Dried residues can be disposed of with normal household litter or as construction waste.

- **HAZARD CLASSIFICATION**

Xi - irritant

(acc. to European Council Directive 67/548/EWG)

- **SAFETY ADVICE / NOTES**

Contains calciumhydroxide.

Risk of serious damage to eyes.

Keep out of the reach of children.

Do not breathe dust. Avoid contact with skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear eye/face protection.

Glass, metal and lacquered surfaces as well as all other sensitive surfaces should be covered. Remove spots immediately with water.

**We recommend to attend a TadelaktPro seminar at Perfectino because TadelaktPro works demand skillful craftsmanship.** Refer to our Homepage for details or phone us or your Perfectino specialist dealer. Please take also note of our product information regarding Polishing Soap, and PerfectWax

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat).

The validity of the text ceases with revisions or product modifications. . You will find the latest product information at >> [www.perfectino.com](http://www.perfectino.com) << or directly at Perfectino.

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