

# Tradical® PZ

Pozzolanic lime render for substrates prone to capillary rises HL 5 according to standard NF EN 459



## Definitions and areas of use

Tradical® PZ is a pozzolanic lime render designed for adding aggregates to prepare restoration mortar for substrates prone to capillary rises.

## → ADMISSIBLE SUBSTRATES

→ Tradical® PZ is suitable for all masonry substrates defined in the French Building Code (DTU 26.1).

→ Also suitable for old masonry exposed to capillary rises and/or various salts, such as nitrates, chlorides, and sulphates.

## → PREPARING OLD SUBSTRATES

Old substrates must be methodically cleaned and then dried. When dry, remove any debris from the wall base. The masonry can then be repointed using Tradical® PZ.

→ Never moisten the substrate.

→ The cause of the capillary rises must be treated to ensure the render holds in the long term.

## → APPLYING THE RENDER

### • Preparing the mortar

→ Preferably mix in 9 to 10 litres of clean water per bag to the Tradical® PZ + sand for around 2 minutes until a slightly soft and homogeneous consistency is achieved (do not mix for too long as Tradical® PZ contains a powerful air entrainer).

→ However, this consistency will be determined by the porosity of the substrate, the atmospheric conditions at the time and the relative moisture content of the sand (values have been calculated based on sand with a moisture content of less than 5%).

### • Application: manual or mechanical

Yield of a 25 kg bag at an average thickness of 20 mm = 3 m<sup>2</sup> to 3.5 m<sup>2</sup>

### • Drying time




→ Keep dry for 6 to 12 hours.

→ It is essential to wait at least 3 weeks, depending on the atmospheric conditions at the time, before applying the finishing coat (as a rule, the drying time is 1 day per mm of thickness).

### • Appearance – smoothness – plumbness

Mortar prepared with Tradical® PZ + sand must meet the same tolerances as provided for by the French Building Code (DTU 26.1). The surface area must be rough (using a track and switch broom) to ensure the renders subsequently stick.

## → MIX PROPORTION

Masonry 	
Bag of lime 	0/4 sand 10 l bucket 
1	+ 5 to 6
Hard to Soft substrate	

Tradical® PZ includes

### Tradical® “Masonry and Rendering with lime”

- Tradical® PF 55
- Tradical® Maçonner
- Tradical® Bâtir
- Tradical® PF 80
- Tradical® PF 80 M
- Tradical® PF 80 Teinté
- Tradical® Premium Naturel



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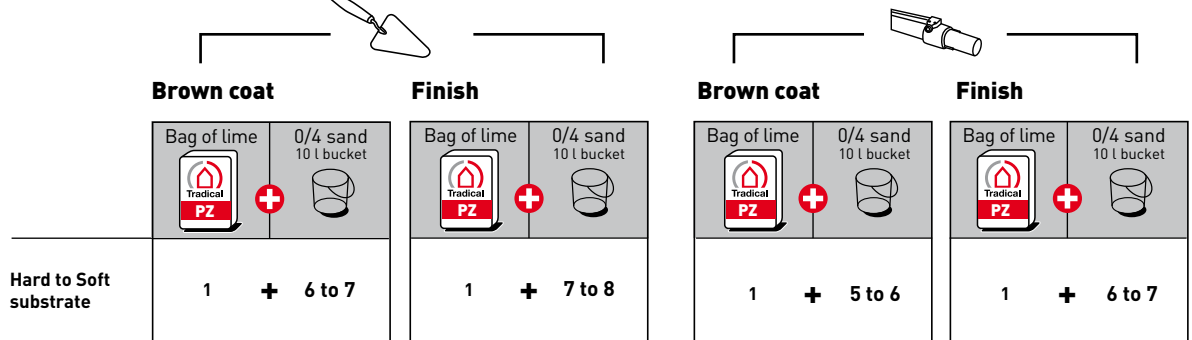
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## → MIX PROPORTION



### • Finishing

Excluding wall bases, which must be treated according to the French Building Code (DTU 26.1):

→ Renders applied over Tradical® PZ + sand must be formulated with a Tradical® aerial lime base. Do not use any products formulated with a hydraulic binder or organic base.

→ Substrates must never be repainted.

### • Mechanical or pneumatic projection:

→ Refer to the material manufacturer for the amount of sand to use.

→ Apply in the same manner as a traditional mortar.

## → PROFESSIONAL QUALIFICATIONS

Contractors applying Tradical® PZ lime render must possess at least one of the following QUALIBAT qualifications: 2132, 2181, 2192.

## → ATMOSPHERIC CONDITIONS

Never carry out rendering work at a temperature lower than +5 °C or higher than +30 °C, in strong wind or fog, or on a frozen, thawing, overheated or very humid substrate.

## → THICKNESS

The thickness may never be less than 20 mm.

## → STORAGE CONDITIONS

12 months in its original pallet, stored away from moisture.

## → RELATED WORKS

Joints, reveals and angles, various juxtaposed substrates: according to the specifications of the French Building Code (DTU 26.1).

## → MISCELLANEOUS

### • Testing

Each production batch is tested at the factory. A sample is stored and the corresponding reference is noted on each batch.

### • Guarantee

Within the scope of the company's civil liability insurance. Manufacturer's civil liability, SMABTP contract: ALPHA-BAT Fabricants no. 512806 E 1004.000

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