



HOUILLÈRES de CRUÉJOULS

## TECHNICAL DATASHEET

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VERSION: 09

# BadiStuc®

couleur & déco

### AREAS FOR USE

Stucco and lime wash for interior decoration.  
Lime wash for exterior (façade).

### CHARACTERISTICS

Salubrious, natural, breathable.  
Easy to apply.

### COMPOSITION

Aerated lime, marble powder, talc. Adjuvants: 3% including casein.  
Mineral pigments according to colour.

### SHADES

White or as per **BadiStuc® Couleur** or **BadiStuc® déco** colour charts.

It is also possible to mix shades together to create new shades using our pigments.

### EQUIPMENT

Stainless steel trowel with rounded edges and spatula for stucco, distemper brush preferably in silk for lime wash or roller. Mechanical mixer.

### PREPARATION OF SURFACES

Ideally, the surface must be sound, dry and clean.

■ **On standard surfaces** (plasterboard, plaster, cement rendering, concrete, old paint, etc.): apply two coats of our **Sous-couche acrylique universelle** (Universal acrylic primer) to guarantee adhesion.

■ **On breathable surfaces** (lime render, earth render, etc.): wet the surfaces then wait until surface water is no longer shiny before applying **BadiStuc®** directly.

On Fermacell board apply one coat of **Enduit fin à la chaux** (Thin lime render) and leave to dry before applying **BadiStuc®**.

Stucco is preferably applied to planar surfaces, with no marked grain or relief.

If the surface is insufficiently fine, it is preferable to apply a layer of **Enduit fin à la chaux** (thin lime render) beforehand to facilitate stucco application.

### PREPARATION OF THE MIXTURE

Add :

■ **For stucco**: 6 to 7 l of water to 10 kg of **BadiStuc®**.

■ **For lime wash**: 12 to 14 l of water to 10 kg of **BadiStuc®**.

It is important to add the same quantity of water from one mixture to another to obtain uniformity of shades.

Mix for about 5 minutes using a mechanical mixer.

It is advisable to leave the mixture to stand for 24 to 48 hours to obtain a softer mixture that is easier to apply\*.

It is important to prepare the total quantity needed for the intended application at one time and in a single batch. There may be a slight variation in shade between two preparations.

To create new shades, a medium hue is obtained with 48 g of pigment per kg of dry white **BadiStuc®**. This corresponds to 12% of the shades in our colour chart. Over and above 100 g of pigment, a phenomenon of chalking may occur.

Some pigments (oxides and some mixtures) may leave traces of brighter colour (streaks). To reduce this risk, it is advisable to prepare a pigment paste. To form this pigment paste the entirety of the pigment or pigments must be mixed with part of the mixing water and a few drops of wetting agent. The more this paste is worked in before being mixed with **BadiStuc®** the lesser the risk of streak-formation.

#### CAUTION !

For the shades Glycine, Figue and Pervenche obtained from ultramarine pigments, it is essential to apply these no later than 12 to 24 hours after mixing, to avoid discolouring of the wet mixture.

### APPLICATION

It is advisable to carry out tests before applying to a large surface area.

Room temperature: 10°C to 30°C.

■ **For stucco**: apply a very thin coat using a stainless steel trowel or spatula. The second coat is applied when the first coat is dry or a fresco.

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## HOUILLÈRES de CRUÉJOULS

The second coat is burnished to give a shiny finish when the product is no longer malleable but not quite dry. Proceed with small movements pressing on the end of the trowel with one hand. This action will give a polished appearance to the stucco.

A highly marbled, veined appearance can be obtained if the first coat contains raised relief (sharp edges are sanded with fine sandpaper after 24 hours' drying before applying the second coat).

A more blended appearance will be obtained if the first coat is as planar as possible.

### CAUTION!

Shades in the **BadiStuc® déco** colour chart may form streaks of pigment when burnishing.

■ **For lime wash:** apply with a brush in random movements (figure of 8, zigzag, etc.) or with a roller in criss-cross layers. Do not insist on points where there is thinning, these will be covered by the following coat.

The second coat can be applied as soon as it no longer dilutes the first. The second coat can be 10% diluted to obtain transparency effects.

### FINISHED APPEARANCE

■ **Stucco:** smooth and polished, more or marbled.  
■ **Lime wash:** matt and more or less marbled. Smooth or rope-effect. The "blended" badger brush finish consists of passing a dry distemper brush over the second coat when the material is no longer malleable. This gives the wash a less matt appearance, more polished.

It is possible to cover the stucco or lime wash with our **Cire Carnaubex** wax to increase resistance, protection and enhance the shade. Our **Savon Noir** (black soap) also enhances shine and protects stucco after burnishing.

■ **Tadelackt:** a Tadelackt effect can be obtained with our **BadiStuc®** (dilution: 6 litres of water per 10 kg of **BadiStuc®**). This is applied like stucco then treated with our **Savonite** or **Savon Noir**.

■ **Marmorino:** this effect is obtained by successively applying our thin lime render **Enduit fin à la chaux n°2** then **n°1**, followed by **BadiStuc®** (dilution: 6 litres of water per 10 kg of **BadiStuc®**).

■ **Liming:** with the consistency of a render (dilution: 6 litres of water per 10 kg of **BadiStuc®**), liming is nevertheless applied with a brush. It can mask defects and hairline cracks of a lime render.

■ **Aqua fortis:** this can provide transparency effects and shades of colour (dilution: 25 litres of water per 10 kg of **BadiStuc®**).

■ **Patina:** highly diluted (dilution: 12 litres of water per 1 kg of **BadiStuc®**), for a uniform finish.

### YIELD

■ **For stucco:** about 0.3 kg per m<sup>2</sup> in two coats (30 m<sup>2</sup> with 10 kg of **BadiStuc®**).

■ **For the lime wash:** about 0.15 kg per m<sup>2</sup> in two coats (60 m<sup>2</sup> with 10 kg of **BadiStuc®**).

### DILUTION AND CLEANING

With water.

### PRECAUTIONS FOR USE

Work in a ventilated area and wear a dust mask to avoid any irritation due to inhaling of dust.

Refer to cautionary advice on the label.

### MAINTENANCE

Do not use an acid detergent.

A coat of wax can be applied from time to time.

### STORAGE

Store in a dry, cool place in the original, closed packaging.

Can be stored several months after use if the product is covered with water and the lid closed, except for the shades Glycine, Figue and Pervenche.

### AVIS IMPORTANT

Les The indications given are based on our state of knowledge of the products concerned and do not under any circumstance entail the providing of any guarantee. It is for users to carry out tests prior to use and to take the necessary safety precautions.

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