



HOUILLÈRES de CRUÉJOULS

## TECHNICAL DATASHEET

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# BadiStuc®

façades

### AREAS OF USE

New or renovation.  
Outside lime wash (façades).

### CHARACTERISTICS

Salubrious, natural, breathable.  
Easy to apply, combines protection with pleasing appearance.

### TECHNICAL CHARACTERISTICS

- **Ease or use:** the slow hardening of lime-based products allows large quantities to be prepared without any risk of deterioration of the mix.
- **Protection:** the plasticity of lime and its good adhesion impart superior adaptation properties compared with other binders and can accommodate some structural movement.  
Its non-shrinkage on drying limits crazing and hence the penetration of run-off waters.  
Its permeability to water vapour means that this product is able to breathe, allowing old surfaces to evacuate the dampness of capillary rise. The lime contained in **BadiStuc® Façades de France** also sanitizing.  
Scarcely sensitive to variations in weather conditions, it has very satisfactory frost resistance.  
It is also an excellent flameproof material.  
Finally, its protective properties increase as and when carbonation occurs.
- **Pleasing appearance:** **BadiStuc® Façades de France** can be used to give buildings soft regional hues integrating into the scenery.  
It imparts the velvet finish of lime to façades.

### COMPOSITION

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

### SHADES

As per **BadiStuc® Façades de France** colour chart.  
It is also possible to mix shades together to create new shades using our pigments.

### EQUIPMENT

Distemper brush, preferably silk, mechanical mixer.

### PREPARATION OF SURFACES

Surfaces must always be sound, solid, clean and non-chalking.

- **Surfaces:** lime renders (ideal surface to maintain the properties of lime), cement render and new or old bastard rendering, dressed stone.  
New lime renders must be almost hardened (minimum drying time of 10 days).

- **Preparation:** brush then remove dust from the surface.  
Wet the surface so that the water required for hardening is not absorbed too rapidly: wet a first time the day before, then again just before application without saturating with water. For highly porous surfaces wet the surface several times over 3 days.  
Protect the surfaces against wind, sun and excess heat using special tarpaulins for slow drying to avoid chalking of the lime wash. Also, protect surfaces against rain and leave the protections in place for several days after completing application.

Smooth, scarcely porous or horizontal surfaces (window ledges) require the addition of resin (5% to 10 % maximum) to the mixing water of **BadiStuc® Façades de France**.

### PREPARATION OF THE MIXTURE

To obtain a **lime wash**, add:

- 12 l of water to 10 kg of **BadiStuc® Façades de France**.
- It is also possible to obtain a liming, aqua fortis or patina mixture by adding greater or lesser amounts of water.
- **Liming:** add 6 litres of water to 10 kg de **BadiStuc® Façades de France**.
  - **Aqua fortis:** add 30 litres of water to 10 kg de **BadiStuc® Façades de France**.
  - **Patina:** add 12 litres of water to 10 kg de **BadiStuc® Façades de France**.

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Mix for about 5 minutes using a mixer.

It is advisable to leave the mixture to stand 24 to 48 hours to soften the mixture for easier application.

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.

Also, to avoid having to touch up, it is advisable to prepare at once the quantity needed for each coat.

You can create new shades with **BadiStuc® Façades de France "Guerande"**, choosing pigments in H2C pigments range.

### APPLICATION

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

Temperature: 10°C to 25°C, protected from wind, rain and sun.

Apply in crisscross coats, ending vertically to facilitate the run-off of rain water.

Avoid large brush movements.

Do not insist on places where the covering is slightly insufficient, these will be covered by the following coat. The second coat can be applied as soon as it no longer dilutes the first.

### YIELD

■ **For lime wash** : approximately 0.15 kg per m<sup>2</sup> in two coats (50 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.

### 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.

### IMPORTANT

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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