

# Claygrain

## Sodium bentonite powder for waterproofing and excavation works



Claygrain is a dissolved, anhydrous sodium bentonite powder, characterised by a montmorillonite content in excess of 95%, with low yield-point (proof). The product should be used as it is, to increase the amount of bentonite in punctual areas, or mixed with cement and water or just water to obtain a slightly expansive waterproofing mortar, suitable for smoothing any crawl spaces in the concrete prior to laying and refilling the Claytex bentonite sheet.

**CUSTOMS CODE:** 2508 1000  
**COMPONENTS:** Single-component  
**APPEARANCE:** Powder  
**AVAILABLE COLORS:** Beige  
**PACKAGING AND DIMENSIONS:** Bag 25 kg

### FIELDS OF APPLICATION

Reinforcing and/or filling injections. Plastic diaphragms. Punctual protective sealing of critical areas in waterproofing underground areas with bentonite systems.

### ALLOWED SUPPORTS

Concrete - Bricks - Soils of various kinds

### MODE OF USE

The standard dosage is 60 l/m<sup>3</sup> of water (standard minimum quantity). The indicated concentration can be adjusted, depending on the characteristics of the soil and the required viscosity. It is necessary to mix the product adequately during the preparation of the slurry to allow sufficient hydration.

### APPLICATION METHODS

To be added to other components - Brick trowel - Finishing trowel - Spatula

### KEY FEATURES

☹ Hydroexpansive product: \_

🕒 Shelf-life: 12 months

☀ UV-resistant

🔥 Nonflammable

🌡 Temperature of use: +5 / +35 °C



## TECHNICAL SPECIFICATIONS

Liquid limit **>550 %**

ASTM D 4634

Maximum humidity **<13 %**

ASTM D 5890

Swelling rate **>29**

ASTM D 5891

Loss of liquid to the filter press **<18 ml**

Permeability to 25 kPa of confinement **5.E-09 cm/s**

Apparent density **0.9-1.00 g/cm<sup>3</sup>**

## CONSUMPTION

Product to buy as needed.

## STORAGE AND CONSERVATION

Protect from freezing. Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity. Store the product at a temperature between +5°C and +35°C.

## PHOTO GALLERY



## ADDITIONAL CONTENT



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