

Chaux de Séléné

About Chaux de Séléné

Chaux de Séléné is a decorative plaster made from natural gypsum and hydrated lime. It is integrally colored and is applied as a traditional, lightweight plaster.

Supports

Chaux de Séléné is designed for interior walls and ceilings. It is particularly suitable for historic and sustainable substrates (timber frame, hemp lime construction, etc ...). Chaux de Séléné can likewise be applied directly over a variety of clean and sound conventional masonry substrates (terra cotta, brick, CMU block, autoclaved aerated concrete, etc ...). With an scratch coat, it can also be utilised on monolithic concrete monomur substrates...

Advantages

Lightweight and ready to use out of the bag, Chaux de Séléné makes for a very easy, safe and efficient application. Produced integrally colored and pre-blended, mixing errors are avoided. Otherwise, Chaux de Séléné is highly recommended when choosing a putty lime wash or a stucco finish.

Eliminating the need for paint, Chaux de Séléné dries quickly and is neither a potential allergen nor a source of harmful VOC's.

Moreover, it preserves all the good qualities associated with plaster and lime: regulation of humidity and breathability as well as thermal and acoustic properties.

The end result is a natural, healthy and sustainable finish with little to no maintenance over time.

Application

The use of Chaux de Séléné should conform to standards for traditional gypsum plasters.

On conventional masonry substrates maintain a minimum thickness of 12 mm / 1/2".

Ensure that the substrate is clean and free of dust, blisters or efflorescence, is sound, secure and in compliance with building standards.

Do not apply below 5 ° C / 40 ° F or over a frozen or thawing substrate. Avoid applying in extreme heat or in direct sunlight.

Adequately moisten surface to reduce suction according to ambient humidity, ventilation and porosity of substrate. Chaux de Séléné can be mixed with a mechanical drill in buckets or mixed and projected by a spray machine adapted for that use.

The initial steps and order of mixing, applying, troweling, burnishing, etc. are identical to any other typical lightweight plaster. Care should be exercised not to raise too much cream to the surface when troweling, especially for versions containing sand aggregates.

Chaux de Séléné with sand is generally finished by scraping (*gratté* finish) : nail float (CSG) or with a "berthelet" - French razor - (CSF), as soon as the plaster stops adhering to the tools upon scraping. A basic smoothing is possible for coatings that will receive a sand finish.

The finer Chaux de Séléné versions (CS, CSB, CSM, CSP) can likewise be finished by scraping with a berthelet (*coupé* finish), and then possibly smoothed with a flexible, stainless steel trowel and water (*stuqué* finish).

To further draw out the richness of the material, it is possible after the initial set to scour the surface with a brass brush (*décapé* finish)

Protection measures should be taken until the surface is completely dry.

Faux-Pierre versions of Chaux de Séléné (CSM, CSP ou CSG) can be sanded when completely dry (*poncé* finish). The final result varies once it has been first scraped or smoothed.

As many finish variations are possible and reflect the hand of the artisan it is recommended to present a large scale sample for the client's approval.

Setting time

1 h 1/2 - 2 h. Machine sprayable

Consumption

Versions CS, CSB :
10 kg / m² / cm thickness
2.6 lb / ft² / 1/2" thickness
Versions CSF, CSM, CSP, CSG :
12 kg / m² / cm thickness
3.1 lb / ft² / 1/2" thickness

Packaging & Storage

Packaged in paper sacks on wrapped pallets.
Store for up to 4 months above ground in a dry, ventilated space.

| Code | Composition | Possible finishes |
|------|---|--|
| CS | Chaux de Séléné pure, unaggregated | Lissé, coupé, ... (Smoothed, cut) |
| CSF | Chaux de Séléné with fine sand (0/1 mm) | Coupé, gratté fin, lissé, décapé... (cut, finely scraped, smoothed, scoured) |
| CSB | Chaux de Séléné with shining flakes | Lissé, coupé, ... (smoothed, cut) |
| CSM | Chaux de Séléné with fine marble powder | Poncé, lissé, stuqué, coupé,.. (Sanded, smoothed, polished, cut) |
| CSP | Chaux de Séléné with limestone powder (fine faux-pierre) | Poncé, coupé, lissé, ... (Sanded, cut, smoothed) |
| CSG | Chaux de Séléné with limestone sand (traditional faux-pierre) | Poncé, gratté, décapé,... (Sanded, scraped, scoured) |

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We manufacture a wide range of decorative products including : integrally colored plasters, veneer plasters for drywall, gypsum lime plaster, gypsum clay plaster, Faux-Pierre, Faux-Brique and Ice Plaster : contact us for more information.

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