

Data Sheet

Vieujot Heritage Mortar

Vieujot Heritage Mortar, also known as "V-Mortar", is a highest quality gypsum and lime mortar traditionally manufactured for masonry and undercoating works in restoration to-the-same of old buildings of the GCC area.

Definition

Vieujot Heritage Mortar is a exterior gypsum and lime mortar, traditionally made with high temperature gypsum and lime, and eventually aggregates. V-Mortar is used for masonry works and undercoating plastering, before finishing with *Vieujot Heritage Juss* or *Enduit de Montmorency*.

Field of application

Vieujot Heritage Mortar was originally designed to renovate old buildings of GCC area exterior walls and preserve their character and tradition.

Vieujot Heritage Mortar allows to respect, maintain or even recreate those specificities from the heart itself of those buildings being suitable for masonry works, re-shaping of strongly desorganized surfaces and general under-coating.

Those walls can be either homogeneous or composite (bricks, wood frame, nogged rag-stone with sablon mortar or lime, plaster debris, coral stone, gypsum stone, clay based supports, ...). If necessary, it can also be applied on most of the supports, classical (blocks, concrete, bricks, etc ...) or more "green" (straw bales, hempcrete, earth blocks,) for interior and exterior work.

Advantages

Vieujot Heritage Mortar carries on the original techniques and functionings of heritage buildings.

Thereby *Vieujot Heritage Mortar* has unequalled breathing abilities, that protect all building elements against water damage (timber frame, tiles, rammed earth...) and allow *Heritage Juss* finish plastering to play fully its exceptional role to dry and sanitize old walls.

Therefore, it is particularly recommended for porous structure walls (cut stone, coralstone masonry, masonry coated with gypsum plaster, lime or sablon mortar, wood frame, adobe, ...).

Moreover thoses *juss* and *mortars* are responding very well to the always possible movements of old structures. In addition, even if these movements are to cause some cracks, their porosity will prevent them from becoming infiltrating.

The absence of shrinkage makes it easy and safe to use. Its fastness of hardening is very useful to insure fast and efficient works, reducing duration of restoration projects.

Aspect and range

Vieujot Heritage Mortar can be manufactured to match with original mortars.

Caution

Old masonry that needs to be coated must be protected from unwanted water infiltration (water sipping, backsplash and rising by capillary action). The covers, gutters, rainwater pipes, projection covers, cornices, supports, zinc works, weatherings and splashboards, must perform their usual function.

Preparatory conditions

In all cases, it is indispensable to purge carefully the wall, to treat all support pathologies, then to thoroughly dust off.

The support must be clean, soot, bistre or efflorescence free.

The support must present a sufficient "scratch" surface for adhesion and good keying.

All non-apparent wood elements must be wire-meshed before coating, as well as all surface heterogeneities (wire-lath and galvanized nails).

Instructions for implementation

Working with high temperature gypsum plasters is a matter of following the rules of the art and our technical specifications.

Because there is lime in the mix, it is imperative to wear gloves and protective glasses.

Vieujot Heritage Mortar should not be applied in very cold temperatures (not below 5 °C / 41 °F), or on a frozen or thawing support. In hot weather, the coating needs to be protected from direct sun exposure while work is in progress and during the first days of drying (7 days). Do not apply the coating on very hot days or under direct sun.

It is hand-mixed with the help of a mixer in a rubber container, or can be sprayed with a machine. It must form an homogeneous paste holding at least on 30 mm thick coat.

For undercoating, preferably the application should be done in one coat : otherwise apply successive layers from 30 to 50 mm , each one with *gratté* finish (scrubed with a nail-board).

One has about 2 hours to spread and float the product (some versions with shorter setting time exists for specifics works). *Gratté* finish (scrubed with a nail-board) can be done after 2 / 4 hours.

Overlaying with *Heritage Juss* or *Enduit de Montmorency* can be done from the day after.

Consumption

From 10 to 12 kg/m² by cm of thickness, according version.

Preservation and conditionning

6 months, away from humidity in a dry and clean storage room (in the original lined paper bags, on pallets with streamers).