

# Arredolight

## 0-3 mm | 3-6 mm

LIGHTWEIGHT AGGREGATE TO BE MIXED WITH ARREDOSTUCCO FOR GROUTING RECONSTRUCTED STONE COVERINGS. IT INCREASES THE YIELD, HELPS CLEANING, IMPROVES BREATHABILITY AND REDUCES THERMAL BRIDGES.



Technical Data Sheet – Rev. 03/2018

### DESCRIPTION

ARREDOLIGHT is a naturally selected aggregate with low specific weight. Added during ARREDOSTUCCO mortar mixing phase, makes the mixture lighter, facilitating its application and cleaning. The chemical and physical structure of the material allows less rigid and highly breathable grouting to be obtained with a very natural aesthetic finish that is very similar to traditional mortar. The use of ARREDOLIGHT in ARREDOSTUCCO grouting mortar, improves the thermal inertia of the wall, increases the displacement/dampening effect of the thermal wave from the outer surface to the inner one, significantly improving comfort of living. The same characteristics that are enhanced with all the Pietre d'Arredo elements, especially when used in insulating coating systems. ARREDOLIGHT is available in two different grain sizes:

- ARREDOLIGHT 0-3 mm;
- ARREDOLIGHT 3-6 mm.

### FIELDS OF APPLICATION

ARREDOLIGHT is used mixed together with ARREDOSTUCCO mortar for grouting joints between elements of Pietre d'Arredo reconstructed stone.

Use of ARREDOLIGHT allows the following advantages to be obtained:

- decreases the weight applied on structures;
- increased breathability;
- improvement of thermal inertia;
- from smooth to very rough finishes depending on the process and the grain size used;
- increase in the yield of the product applied;
- possibility of use with all variations of ARREDOSTUCCO colour without affecting the final colour.

### SUBSTRATE PREPARATION

Before proceeding with the grouting operation, remove any adhesive mortar residue used to lay the stones and make sure it is sufficiently hardened and dry. For better colour rendering, it is advisable to wait at least 24 hours after application (considering also the climatic conditions), before grouting.

### APPLICATION

Mix a 25 kg bag of ARREDOSTUCCO with 4.5 litres of clean water in a cement mixer or in a suitable container with an electric mixer, until the mixture is perfectly homogeneous. Add approximately 7.5 litre bag of ARREDOLIGHT with additional 0.5 – 0.8 litres of water and mix until the two products are perfectly homogeneous. Let the mixture rest for a few minutes, remixing briefly before use. The mixture is workable for approximately 45 minutes. Adjust the grout consistency so as to allow the joints to be filled while avoiding smudges on the surface of the stone. Apply the mixture with the specific plastic bag (piping bag) directly into the joints until they are completely filled, possibly with one application. Be careful not to leave gaps. Apply the mixture continuously, constantly topping up the bag, while still wet. Any pauses or continuations, when possible, must occur at the corners of the walls or apertures. Never use grouting that is still soft or wet on the surface of the stone. When the mortar loses its plasticity and it is sufficiently hardened (when it leaves no dirt when touched), distribute it and shape it as you wish by compacting it in the joints. Remove excess product with a suitable tool. To achieve smooth and compact joints, finish with a smooth metal tool; for joints where the grain size of the aggregate is visible, finish with a vegetable fiber brush or finish with a wooden stick once the mortar has sufficiently hardened. If the stone or bricks are smeared with grouting, clean immediately with a damp sponge that is

thoroughly washed in clean water and well-wrung so as to prevent the formation of residue stains. The finished surface must be protected from rain or direct sunlight until it is fully hardened.

## YIELD

1.2 kg/l of cavity to be filled. From 5 to 10 kg/m<sup>2</sup> depending on the format of the stone or the width of the joint.

## RECOMMENDATIONS

Apply the mixture at temperatures between +5 °C and +35 °C. The room temperature affects the product's setting and drying time. Protect from rain and runoff or direct sunlight, until the product has fully hardened. For further details or special uses contact our Technical Department.

## PACKAGING

ARREDOLIGHT is supplied in polythene bags of approximately 7.5 litres on a 60 pieces pallet. Store the product in a dry place and in its original packaging, well closed.

## TECHNICAL DATA

Aspect:	granulate
Colour:	light grey
Apparent specific gravity (wet product) (kg/l):	0.6
Particle size (mm):	0-3 3-6
Flammability:	Class A1

| Tests performed at 23°C-R.H. 50% in the absence of air ventilation |

## SAFETY INSTRUCTIONS

The product is of natural origin. Comply with all good hygiene practices on the work site. The mix with ARREDOSTUCCO contains cement that on contact with body perspiration produces an irritant alkaline reaction. Use protective glasses and gloves.

## SPECIFICATIONS

Cladding laying in reconstructed stone, frost-proof, breathable, low-water absorption, *model* ..... from the COLMEF Srl PIETRE D'ARREDO brand, for the cladding of internal and external walls. For laying, use a natural, anti-efflorescence hydraulic lime-based levelling adhesive with optimal performance and zero vertical slippage. classified as C2T in accordance with Standard EN 12004, such as **ARREDOCOLLA** from the COLMEF Srl PIETRE D'ARREDO brand. Point the stone using the appropriate breathable low-water absorption mortar, such as **ARREDOSTUCCO** from the COLMEF Srl PIETRE D'ARREDO brand, *in colour* .....

For the pointing of laid stone cladding on a thermal insulating system, always add a lightweight aggregate, such as **ARREDOLIGHT** from the COLMEF Srl PIETRE D'ARREDO brand, to the paste in order to increase breathability and reduce the weight on the wall.

FOR FURTHER DETAILS OR SPECIAL USES CONTACT THE **TECHNICAL DEPARTMENT**.

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