

CALCE

Natural Hydraulic Lime

PRODUCT INFORMATION

Calce is used for wall and plaster preparation. With its mechanical properties, permeability and low dissolved salt content, Calce provides perfect harmony with historical building elements (stone, brick etc.). Due to its high vapor permeability, it prevents the formation of mold and fungus and allows repair of structures with high standard of living.

GENERAL CHARACTERISTICS

- CE certification in NHL 3,5 class.
- Natural pozzolan content.
- High quality production by controlled burning.
- Low sulphate and alkali content.
- Does not contain cement or cement components.
- Low carbon footprint.
- Allows vapor diffusion due to natural breathable structure.
- Suitable to be used in historical structures.
- Allows forming of different kinds of limebased mortars.

TECHNICAL PROPERTIES

Technical Properties	Unit	Standard EN 459-1	CALCE
Color	-	-	White / Light Brown
>90 μ	%	≤ 15	3
>200 μ	%	≤ 2	0,1
Penetration	mm	>10/<50	30
Stability	mm	≤ 2	0,5
Air Content	%	≤ 5	4,8
Initial Setting Time	h	>1	6
Final Setting Time	h	≤ 30	15
Free Water	%	≤ 2	0,9
Compressive Strength(28 Days)	MPa	$\geq 3,5/$ ≤ 10	4,0

PACKAGING

In 25 kg kraft bags.

RESPONSIBILITY

Application suggestions are based on experimental data. Actual values can vary due to conditions out of control. Suggestions do not take on any other obligations. When the new version of this document is issued, old version becomes invalid.

STORAGE CONDITIONS

When it is stored away from moisture and UV rays, it has 6 months of shelf life. Opened packages should be used in one week preserving the storage conditions.