

HOW TO MAKE SLAKED QUICKLIME



• On own land or on an iron plate (avoid plastic holders), spread 25 kg of quicklime 5 cm thick (Fig.1)

• Sprinkle evenly with 13 to 15 liters of water at one time (Fig.2)

• Mix while raking in small heaps (Fig.3)

A temperature rise occurs (Fig.4, 5,6), at 120 ° C, gradually in 5 to 10 minutes.

CAUTION : Do not handle the lime without protection during the rise in temperature, children and pets must not be close.

Lime can be used when it is slaked, cold and white. Its consistency becomes light and smooth (Fig.7). It is advisable to leave for at least a few hours before use. Keep slaked lime in a dry bag or airtight container.



For lime putty, proceed by immersion :

350 liters of water + 300 kg of quic klime (eg. in a drinker cattle). The result is a thick paste used for stucco and tadelakt.



Slaked lime specifications

Following the extinction of our quicklime, you get a **Air calcium lime natural CL 70.**

Composition : 70% of free lime CaO / carbonate 20% / 5% of silicates and aluminates.

Yield : 2.5 to 3 volume of original quicklime.

Hydraulic index : *i* between 0.14 and 0.15.



In the slaked lime Ca(OH)_2 , CaO represents three quarters of the weight, ie more than 75%. It has a small fraction of minerals that gives it a slight runoff (belite). This is a good quality lime which gives a rich mortar, smooth and sticky. It has 5% 2CaO.SiO_2 , or belite «C2S».

For your safety, it is recommended to wear gloves and protective clothing when slaking lime. Quicklime being off can cause burns on contact with skin.