

31800 Pit lime, slaked lime

CAS No.: 1305-62-0
EINECS: 215-137-3

Not all kinds of lime are suitable for fresco painting. Dolomitic lime for example is quite unsuitable. The best pit lime is made from marble and contains 95% calcium oxide and less than 5% magnesium. It is burnt with wood and slaked in a lime pit for up to ten years. The longer it is seasoned in a pit, the smoother it becomes. We now offer a pit lime from a German supplier that meets all of these requirements. It is slaked for a minimum of five years. Laboratory analysis could detect no presence of magnesium, no carbonation and only traces of sulfatation and phosphation.

With a lime of this quality, it is once again possible to create brilliant fresco paintings which, due to the high binding power of aged lime, will be of excellent permanence.

Our pit lime consists of evenly fine grains (particle size approx. 1 - 5 μ), and the paste has a creamy/buttery consistency. The lime paste contains 32.3 % water.

Due to the almost chemical purity, it may be established that this wood-burned marble pit lime is of high quality.

The pit lime may be recommended for high-quality plaster work and for fresco and wall painting.

Chemical Analysis:

Ca (Calcium):	93.000 %
CO ₂ (Carbon dioxide):	6.5454 %
Mg (Magnesium):	0.4500 %
Organic content:	0.0028 %
Undissolved residue:	0.0018 %

We herewith certify that the Pit Lime included is of German Origin

Customs Declaration No. : 3213 10 00