



Manufacturer and supplier of traditional and environmentally-friendly building materials.

Description

Argical (Metakaolin) is a pozzolan that can be added to non-hydraulic Fat Lime mortars and plasters to give them a faster and harder set. When used correctly, they will create a “feebly hydraulic” lime mortar with properties somewhere between a Fat Lime and an NHL 2. This can be particularly advantageous when a Fat Lime has been specified, but external work is continuing into colder weather. The more Argical that is added to the mortar, the faster the set, but the harder and less vapour permeable the mortar will be.

The white colour of Argical will have a negligible impact on the colour of the mortar produced.

Argical will induce an initial set in the presence of water, in a similar manner to NHL limes. Hence, it should only be added to a Fat Lime at the time of knocking up, and only sufficient material produced that can be used in a day. Allow the Argical sufficient knocking up time to be evenly distributed through the mortar.

Preparation

Argical should be used in a ratio of no more than 10% by volume of the lime content. Higher concentrations than this can produce mortars harder and less vapour permeable and flexible than NHL 2, defeating the purpose of obtaining a “feebly hydraulic” lime.

In practical terms, adding 500g of Argical to 25kg of pre-mix mortar will produce a mortar with the characteristics of NHL 2. Hence, addition should be restricted to 300g, or less, per 25kg of pre-mixed mortar or 12kg per tonne to produce a mortar with characteristics equivalent to NHL 1.

Application

For application of a Fat Lime Mortar or Plaster, please see out application guides at www.lime.org.uk.

Health & Safety information:



DANGER



WARNING

Skin Irritation 2 H315: Causes skin irritation

STOT SE 3 H335: Cause; respiratory irritation

Eye Damage 1

H318: Causes serious eye damage

Precautionary statements:

P102: Keep out of reach of children;

P280: Wear protective gloves / protective clothing / eye protection / face protection;

P305+P351+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and safe to do so. Continue rinsing. Seek medical attention as soon as possible;

P302+P352: IF ON SKIN: Wash with plenty of water

This product should not be used when the temperature is likely to fall below 5° before curing has taken place.