



Limetec® Hydraulic Lime Mortars Breathability

Limetec® Hydraulic Lime Mortars are manufactured using modern factory techniques with materials weighed and mixed under computer controlled conditions and available in 25kg or bulk bags, also a silo option is available for larger projects.

Raw materials and end products are subject to regular quality control procedures and testing. Although mortar is traditionally specified by volume, it is generally accepted that batching by weight produces mortar of a greater consistency.

Key Benefits

- **Extremely durable**
- **Reduces need for expansion/ movement joints**
- **Flexible**
- **Improves aesthetics of buildings**
- **Improves sustainability**
- **Permeability**
- **Breathable**

Limetec® Hydraulic Lime Mortars offer good vapour permeability, which enables the building to “breathe”.

A significant characteristic of lime mortar is its ability to breathe, allowing moisture movement through the building and assisting in the drying out process.

Due to its breathability and permeability properties through its open pore structure, it allows free flow of moisture in and out of the building preventing damp and moisture build up in the cavities.

During wet weather conditions, moisture is absorbed into the wall. However, this situation is then reversed when the rain ceases and the wall will dry out through natural evaporation and wind effect.

This removes the requirement for placement of weepholes.

Another benefit from the breathability properties of mature lime mortar is that it assists in the prevention of frost damage in the masonry units.