**Description**

Hydrated lime is a calcium-based lime (CL) obtained from the controlled slaking of quicklime with the correct amount of water.

A further procedure of ventilation permits the creation of an almost pure product with a very strong level of grinding.

**Chemical and physical characteristics**

|  |  |
| --- | --- |
| Chemical name | Calcium hydroxide |
| Commercial name | Hydrated lime |
| Appearance | White powder |
| Odour | odourless |
| Formula of structure | Ca(OH)2 |
| Specific weight | 480 kg / m3 |
| Temperature of fusion | Fusion in CaO at 580°C |
| Residual mass | 0.09 mm |
| Apparent mass by volume | Variable according to granulometry and compaction |
| Humidity at 110° C | 0,1% - 0,2% |
| Title in Ca(OH)2 + Mg(Oh)2  | > 90 |
| Content in Co2  | <1,32% |
| Content in MgO  | < 0,5% |
| Specific surface (BET) | > 16 m2/gr |

**Application**

If used as a binder for the preparation of traditional maltas, CALCE IDRATA IN POLVERE can be mixed with silicate sand, marble powder, hydraulic lime or cement, in a mixer, adding water until the paste obtains the required consistency.

**Warning**

Protect sacks from the rain and humidity.

Avoid applying the product at a temperature below + 5°C or above +35°C.

**Packaging and storage**

The product is supplied in sacks of 25 kg.

Store the product in sealed sacks in a cool and dry place, far from freezing conditions.

Avoid exposing the sacks for long periods to direct sunlight.

**Health and safety regulations**

Lime is a caustic product. Avoid contact with the skin and eyes, in case of contact wash immediately and abundantly with water.

For further information consult the safety sheet.

**Disposal**

Dispose of the product according to local health and safety regulations. Empty containers must be recycled.

**Note**

Dolci colori srl reserves the right to modify this data sheet without prior notice.

Data : 11/11/19