**Description**

INTONACO A CALCE BIO 1 is used as a base plaster for internal and external use and can be applied both manually or mechanically.

**Characteristics**

* CE labelling: UNI EN 998-1 ;
* Classification : GP

**Composition**

INTONACO A CALCE BIO 1 : natural hydraulic lime NHL 3,5, pozzolanic binders, selected inert silicates-carbonates.

**Preparation of surfaces**

Remove any inconsistent or non-inherent material.

Eliminate the presence of oils, dust and dirt in general.

Remove any presence of salts.

Verify the adhesion and the level of absorption of the surface before application of the plaster.

**Preparation of mixture**

Mix INTONACO A CALCE BIO 1 with about 4,3 ÷ 4.7 litres of pure water per sack of 25 kg with a mixer for about 4 to 6 minutes until the correct creamy consistency is achieved.

Use the fresh plaster within 2 hours of preparation.

**Application**

Proceed with application using a trowel or mechanical tools and then even off the surface. Proceed wth roughening the surface with trowel or sponge.

Wash equipment with water after use.

**Warning**

The temperature of application of the product should be between + 5°C and +30°C.

Do not add any other materials to INTONACO A CALCE BIO 1.

We recommend using a transparent finish compatible with the characteristics of the plaster.

**Packaging and storage**

The product is supplied in paper sacks of 25 kg.

Store in a cool, dry place without risk of freezing. Avoid exposing the sacks to direct sunlight for long periods of time. Once the polyethylene protection of the pallet has been removed, protect the sacks from the rain.

The product remains prefectly unaltered for a period of 12 months providing it is stored in a dry place and in the original packaging.

**Health and safety regulations**

Avoid contact with skin and eyes, in case of contact wash immediately with plenty of water.

As regards the evaluation of toxicological data, please see the safety data sheet.

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**Disposal**

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

**Technical characteristics**

The results below are from laboratory tests (obtained at T=20°C ± 1°C and U.R. = 65% ± 5%) and can differ from results obtained in the field for the different conditions of the paste and method of application, in particular, for the use of more water in the mixture than the amount recommended.

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| **Parameter** | **Unit of measurement** | **Value** |
| Mass by volume (hardened malta) | Kg / m³ | 1450 |
| Granulometry | mm | 0 - 1,6 |
| Consumption/Yield (indicative according to type of surface)  **Plaster**  \* variable according to type of surface | Kg / m² / cm | ~ 14-16 |
| Coefficient of diffusion of water vapour ( li ) | - | 8 |
| Thickness of application : (recommended minimum) | mm | 20 |
| Resistance to compression (28 days)  Categoria |  | 2,5  CSII |
| Adhesion | N / mm² | 0,3 |
| Absorption of water | Kg/m² min 0.5 | < 1,0  Cat. W0 |
| Thermal conductivity | W / m.K | 0,45 ÷ 0,52 (Tab.) |
| Reaction to fire | Category | A1 |

**Note**

The packaging of our products is according to the existing normative (D.L. 626/94, D.lgs. 81/2008 and subsequent amendments).

All cement products of DOLCI COLORI srl conform to the obbligations of the law D.M. 10/05/2004 and subsequent integrations or amendments. Where necessary, they are treated with suitable reducing agents to maintain the level of hexavent chromium below the limit fixed by law.

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

Date: 11/11/19