



PITTURA MINERALE AI SILICATI – SILICATE BASED MINERAL PAINT



Description

PITTURA MINERALE AI SILICATI is a natural product that can be white or coloured with a matt appearance. It is suitable for interior and exterior use, for prestigious decoration of historical buildings and for new construction.

Characteristics

PITTURA MINERALE AI SILICATI is a product with a low content of volatile organic compounds (VOC).

Thanks to its special formula containing top quality ecological ingredients, excellent results are obtained, including excellent covering capacity and resistance to abrasion and attrition.

Perfectly stable over time, also in polluted atmospheres, this product does not contain any plastifiers, offers excellent permeability to vapour and is non flammable.

Composition

Potassium silicate, water, calcium carbonate, talc, cellulose, white titanium, organic additives < 5 %.

Surfaces

PITTURA MINERALE AI SILICATI thanks to its characteristics can be applied to all mineral surfaces : lime-based plaster, cement plaster, cement, natural stone, brick, mineral paints.

The surface should be clean, dry, non flaky and exempt of salts and humidity and without traces of oils or fatty substances.

Allow new plaster to age for at least 28 days.

On already painted surfaces (organic paint) or on deteriorated surfaces, it is necessary to remove the existing paint.

Preparation of surfaces

To prepare the surface, apply **Primer ai Silicati IS/0270** diluted 1:2 with water.

On plasterboard or walls with stucco, it is first necessary to apply a coat of **Isoquarz IS/0255** and then follow the normal cycle of application.

After applying **Primer ai Silicati**, wait 12 hours before applying a first coat of PITTURA MINERALE AI SILICATI.

Application

Stir well before use.

Do not apply on frozen, humid or hot surfaces, or on windy or very hot days.

Use at a temperature : from +5 °C to +30 °C.

On surfaces that have a preparatory coat of **Primer ai Silicati**, apply a first coat of PITTURA MINERALE AI SILICATI diluted up to 20% with **Primer ai Silicati**. Wait 5-6 hours before applying a second coat diluted with 20% **Primer ai Silicati**.

Ensure that the recommended amount of drying time is allowed between each coat.

For interiors, it is possible to dilute PITTURA MINERALE AI SILICATI with a maximum of 20 % of pure water.

Colours

It is possible to obtain an infinite variety of colours by mixing PITTURA MINERALE AI SILICATI with our collection of mineral pigments. If using our oxide powders, we recommend adding to the water in which you mix the pigment, a percentage of 20-50% of **Pentasol TR/1000**, stirring carefully until obtaining a fluid paste without lumps. This will improve dispersion.

Warning

Protect doors, windows, frames and in general all parts that should not be painted. Any splashes or drips should be immediately removed with water.

Do not use metal tools or containers.

Consumption

PITTURA MINERALE AI SILICATI has a yield of about 200/230 gr/m² in 2 coats, according to absorption and type of surface.

Equipment for application

PITTURA MINERALE AI SILICATI can be applied by brush, roller or by spraying.

Wash equipment with water after use.

Packaging and storage

Plastic buckets of 5 and 15 lt

Specific weight : kg 1.520 x lt

PITTURA MINERALE AI SILICATI should be stored in the original containers, tightly sealed. It is stable for at least 12 months providing it is kept at a temperature not below +5°C or above +30°C.

Health and safety regulations

Ventilate during application.

Avoid contact with the skin and eyes. In the case of contact, wash immediately and abundantly with water.

Keep out of the reach of children.

Information regarding the toxic evaluation can be found in the safety sheet.

Disposal

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

Volatile organic compounds VOC

The EU limit for this product (cat. A/c) : VOC 40 g/l.

This product contains max 1,73 g/l VOC.

The advice and information given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequence of use. Our technical assistance team is available for any further information that might be necessary.

Technical data sheet PS/0952



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