

Technical data sheet IS/0270



SILICATE BASED PRIMER

Base - Thinner



Description

PRIMER AI SILICATI is a mineral binder based on highly concentrated stabilised potassium silicate.

Characteristics

The product is suitable for the preparation of surfaces that will be painted with our paint **Pittura minerale ai silicati PS/0952** and as a thinner to regulate the density of the same during the application phase.

PRIMER AI SILICATI has a function of consolidating the surface and does not give rise to the phenomenon of separation from the surface. This permits excellent anchorage to the surface and a long-lasting final result.

PRIMER AI SILICATI does not contain solvents and is non flammable. It has excellent permeability to vapour and to carbon dioxide.

PRIMER AI SILICATI is suitable as a top coat for silicates. In this case it should not be diluted.

It is possible to obtain an infinite variety of colours by mixing PRIMER AI SILICATI with our mineral pigments, earths (not all, please do not hesitate to contact us), lacquers, oxides and pigments for artists.

Maximum concentration 5-6 %.

Dissolve the powder pigments in water, stirring well.

Composition

Stabilised potassium silicate with organic dispersion, water, cellulose, Xantana, ecological anti-foaming agents.

Surfaces

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

On interior surfaces, on plaster, plasterboard, or stucco for smoothing and filling. Apply a first coat of **Isoquarz IS/0255** then follow the normal cycle of application.

Preparation of surfaces

On new surfaces no pre treatment is necessary.

On already painted or deteriorated surfaces it is necessary to eliminate the existing paint which presents problems of adhesion with the surface, fill any cracks with filler.

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.

We recommend carrying out a preliminary test.

Surfaces infested with moulds should be cleaned, apply our disinfectant **Soluzione ST PA/0800** and allow to dry.

Preparation of mixture

Used as a fixing primer, dilution is one part primer and two

parts water.

Used as a thinner for paint, the recommended percentage is 20% of non-diluted PRIMER AI SILICATI, to mix carefully with the paint.

The percentage can vary according to requirement but we recommend the same percentage of dilution for the complete job.

Application

Never use only water for diluting paint to be used outdoors. Stir well before use.

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

Temperature of use : from +5 °C to +30 °C.

Apply with care using your preferred technique, avoid dripping.

After having applied PRIMER AI SILICATI, wait 12 hours before applying a first layer of **Pittura minerale ai silicati**.

Warning

Protect glass surfaces, metal or aluminium parts and stone sills and frames.

Any drips or stains should be immediately removed with water.

Consumption

PRIMER AI SILICATI has a yield of 5 - 7 m²/l per coat, according to the level of absorption and type of surface.

Equipment for application

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

Wash equipment with water after use.

Packaging and storage

Cans of 5 and 25 lt

Specific weight : kg 1.180 g/lt

PRIMER 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.

Use only plastic containers and non metallic items.

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

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.

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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.

Date : 27/09/19

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