

Intosil Fine

Anti-mould acrylic-siloxane plaster coating for exteriors, fine grain

GENERAL FEATURES

Intosil Fine is an anti-mould acrylic-siloxane plaster coating for exteriors, fine grain (0,3-0,7 mm), made of styrene-acrylic copolymers in water dispersion, siloxane resins and modifiers, selected marble putties, quartz aggregates and selected anti-mould agents.

USES

Due to the balanced formulation and the use of proper inerts and additives, **Intosil Fine** is highly recommended for:

- New renderings or old plasters
- Concrete surfaces
- Old paints or dry, compact, absorbent, mineral coatings
- Various absorbent mineral substrates
- Insulating systems

IDENTIFICATION FEATURES

Binder nature: acrylic and styrene copolymer in water dispersion with siloxane resins

Density:

Intosil Fine white: 1,85 +/- 0,5 g/ml

PERFORMANCES

Alkali resistance UNI 10795: alkaliproof

Water permeability per UNI EN 1062-3: low, $w < 0,1 \text{ kg/m}^2\text{h}^{0,5}$ for white product

Water vapor permeability per UNI EN ISO 7783-2: high, $S_d < 0,14 \text{ m}$ – for white product

Masonry preservative in conformity with the Kuenzle theory per DIN 18550: $W < 0,5 \text{ kg/m}^2\text{h}^{0,5}$ and $S_d < 2$ meters

Mould and algae resistant per UNI EN 15457 and UNI EN 15458

Fire resistance UNI EN 13501-1:2009: B – s1 – d0

Drying (at 25°C and 65% R.H.): from 1 hour and 30' to 3 hours, depending on the thickness applied.

DILUTION

Intosil Fine: ready for use, not to be diluted

WARNING

Properly mix the product before tinting and application.

Do not apply on fresh/new substrates; wait a maturation period, generally of 4 weeks.

SUBSTRATE PREPARATION AND APPLICATION

(referred to environment conditions $T=25^\circ\text{C}$, $UR=60\%$)

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Resurface or consolidate the surface with specific products if necessary.

In case of mould, treat the surface with suitable specific products. Brush or remove any efflorescence and old peeling paint.

Higher layers of old lime-based paint and tempera paint must be removed.

Brush out dust, smog or other deposits before the application.

In case of non-homogeneous or chalky surfaces, apply one layer

of **Decofix** (micronized wall sealer) diluted, with a brush.

In case of compact and non-chalky substrates, it is possible to apply **Acricolor** (water-based acrylic pigmented sealer for interiors and exteriors) diluted, with a brush.

Once the substrate is completely dry, apply one coat of **Intosil Fine** with a stainless steel or plastic trowel.

Remove any imperfections and/or any exceeding amount of product.

Once the first layer is completely dry, apply a second coat of **Intosil Fine** following the same procedure.

To obtain a uniform effect paint over the surface still wet with a stainless steel trowel; alternatively, work into the surface with a sponge trowel for a rough-look effect.

Drying time: 72 hours approx. depending on the kind of substrate, absorption rate and environmental conditions.

It is possible to reach colourful velaturas/patinas applying on the surface completely dry one or more layers of **Fase Silossanica**, diluted, with sponge or glove depending on the desired effect.

Drying time: 24 hours approx. depending on the kind of substrate, absorption rate and environmental conditions.

The effectiveness and duration of the protection done by anti-mould and anti-algae coatings depends on the climatic and environmental exposure, type of building and choice of application system.

RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than $+5^\circ\text{C}$ and higher than $+35^\circ\text{C}$, nor under direct sun light, nor on superheated surfaces (even if already in shadow).

Environmental humidity must be $< 75\%$; substrate humidity must be $< 10\%$.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

For the application of specific tints of **Intosil Fine** on insulation systems, it is recommended to check first the feasibility of the tint.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

TOOLS CLEANING

With water, immediately after their use.

YIELD

Intosil Fine: 1.6-2,0 kg/m² in two coats, depending on the kind of substrate

COLOURS

White, **Linea Sil** colour card and **Progetto Colore** colour swatch.

Technical Data Sheet: Intosil Fine

Revision n: 06

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PACKAGING

25 kg cans for **Intosil Fine white**.

24 kg cans for **Intosil Fine Base Accent**

SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed packages and at the adequate temperatures.

SECURITY PROCEDURES

EU Directive 2004/42/CE:

Intosil Fine (coatings for exterior walls of mineral substrate)

EU limit values for **Intosil Fine** (cat A/c): 40 g/l (2010)

Intosil Fine contains maximum 40 g/l of VOC.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment / Keep out of the reach of children / Do not empty into drains / Wear suitable protective clothing and gloves / If swallowed, seek medical advice immediately and show container or label. The product must be

transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste.

For more information see the safety data sheet.

N.B. - NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.