

ISOACRIL 33 SEALER



Description

ISOACRIL 33 is a water-based emulsion of acrylic copolymers. The evaporation of water, taken to a temperature above the minimum temperature of filming, gives origin to a rigid, transparent, glossy continuous film. This film is exempt from sticky residues.

ISOACRIL 33 has a very high binding power, excellent resistance to water and to saponification and excellent resistance in outdoor environments.

Characteristics

ISOACRIL 33 is used successfully in the production of water-based paints for internal and external use, continuous plastic coverings, water-proofing seals, adhesives for tiles.

It has a very high resistance to both silicates and earth-based metal alkaline salts.

- Dilute in 8/10 litres of water per litre of product for use as a sealer or for consolidating unstable surfaces.
- Use as a binder for creating paints and lime-based plasters (from 3% to 6%) in respect to the weight of the material used.

Use as binder

For water-based paints and coverings

Has excellent resistance to atmospheric agents. The absence of sticky residues and its elevated chemical inertia mean that phenomenon such as the absorption of dirt and surface deterioration in areas exposed to industrial pollution are absent.

Absorption of water

The particular technique of polymerisation for the production of ISOACRIL 33 confers a notable level of water repellency to the polymer film with the consequence of a limited tendency to absorb water.

Resistance to alkali

The styrol family has the property of steric protection for acrylic esters. This drastically reduces saponification. As a consequence of this, ISOACRIL 33 is stable against the action of alkaline agents.

Binding power

Acrylic emulsions have a very fine particle structure which gives them strong bonding power on pigments and additives. L'ISOACRIL 33 protects the natural earths used for colouring plaster walls from aggressive chemicals, without compromising breathability of the system.

Characteristics

- Dry extract	50 ± 1
- PH	7,5 ± 0,5
- Viscosity (Brookfield R.V.T.20) m Pa.s	9000 ± 3000

Characteristics of dispersion

- Appearance	Milk white
- Mass by volume.in dispersion (g/vm3)	1,06 circa
- Surface tension (mN/m)	46 circa
- Diameter of the particles (micron)	0,11 ± 0,03 circa
- Minimum temperature minima per form.film	+16 °C

Characteristics of the film

- Vitreous transition temperature per ATD (C)	+24°C circa
- Resistance to breakage at 23° C (%)	330 circa
- Absorption of water in 24 h at 23 °C (%)	10 circa

Packaging and storage

Plastic flasks of 1lt, and cans of 5lt and 25lt.

The product should be stored in the original containers that are well-sealed, in a cool and dry place, protected from freezing conditions. It maintains its technical properties for at least 12 months providing the room temperature is between +5°C and +35°C.

Health and safety regulations

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

Disposal

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

EU classification

Volatile organic compounds VOC.

Category A/h liquid phase : value limit of VOC 30 g/l

Maximum content 0,02 g/l VOC.

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