**Description**

ISOVINIL is a watery emulsion of emulsified vinyl copolymer which has a concentrated milky liquid appearance. Through water evaporation, above the minimum filming temperature, the process creates a continuous, transparent, gloss film without residual stickiness.

**Characteristics**

It is successfully used in the creation of washable water-based paints for outdoor and indoor use, mortars for plasters (cement-, lime- and lime mix-based plaster). For rendering mortars, cement screeds, smoothing coats and internal and external repair. Perfectly mixable, it is directly added to the water used for mixing the plaster.

During application, it makes mortar malleable and easy to apply, giving a thicker and more compact consistency with a greater adherence which reduces the risk of cracking in the drying phase. It also gives greater mechanical resistance and hardness to the surface.

It is also used for wall insulation. It can also be used as binder for pigments.

**Resistance to atmospheric agents**

Emulsified vinyl copolymers with high content of versatic esters have an excellent resistance to atmospheric agents. The absence of residual stickiness of the film and its high chemical inertia make it possible to avoid dirt absorption processes and superficial degradation in claddings exposed to industrial atmospheres.

**Resistance to alkalis**

The vinyl/versatic components exert a steric protection towards vinyl ester, reducing its saponifiability. As a consequence, ISOVINIL is stable under action of alkali agents. Mixtures made with a base of ISOVINIL can also be applied on surfaces which present a residual alkalinity without being damaged in any significant measure.

**Absorption of water**

The technique of polymerization used in the production of ISOVINIL makes it possible to give to the polymer film a considerable hydrophobia with a subsequent low tendency to absorb water.

**Instructions for use**

Dilute in 8/10 litres of water per litre of product for use as insulator or consolidator of unstable surfaces.

Used as binder for the creation of paints and civil plasters (cement-, lime-, mortar-based) (between 3% and 6%) as a ratio to the weight of the used material used.

We recommend a preliminary test before application.

Wash tools with water after use.

**Packaging and storage**

Plastic buckets of 1 lt and cans of 5 and 25 l.

Stored in original, well-sealed containers,in a cool dry place, free from feezing conditions, the product is stable for a period of 12 months providing the room temperature is not below +5°C or above + 35°C.

**Health and safety regulations**

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

Keep out of the reach of children.

**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: Limit of VOC:

30 g/l.

Maximum content 0,83 g/l VOC.

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