

## ISOFREE

### Ecological fixative with low VOC content



#### Description

ISOFREE is an ecological acrylic resin for internal and external use containing a low level of volatile organic compounds (VOC).

ISOFREE is therefore recommended as a fixer and sealer in the cycle of painting using our natural and ecological paints: **Fancygreen PL/1152** breathable for interiors.

**Evergreen PL/1166** washable for interiors.

**SM Ecologica PL/1158** washable for interiors and exteriors.

#### Characteristics

ISOFREE does not contain ammonia, glycols or coalescents and has a low level of perceptible odour.

Excellent elasticity and optimum adhesion, good permeability to water vapour, good resistance to atmospheric agents.

The pure resin forms a transparent and flexible skin, optimising resistance to water and to saponification. This product is compatible with potassium silicate.

ISOFREE exerts a function of consolidation of the surface and prevents phenomenon of flaking. This permits excellent anchorage and a durable final result.

#### Chemical-physical characteristics

- Solid content in resin : 50%
- PH : 6,0 / 7,5
- Apparent viscosity at 23°: 6000/ ± 2000 mPa-s
- Minimum filming temperature : 6° circa
- Density : 1060 gr/lt. circa

#### Preparation of surfaces

On new surfaces, no pre-treatment is necessary.

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

The surface must be dry, clean, without flaking, exempt from salts and humidity and without traces of oily or fatty substances.

Allow new plaster surfaces to age for at least 28 days.

A preliminary test is recommended.

#### Dilution

The recommended dilution for a fixing base is one part of ISOFREE in 8-10 parts of water.

Used as a binder in the creation of paints and lime-based plasters, (from 3% to 6%) with regard to the weight of the material used.

#### Application

Stir well before use.

Do not apply on frozen, wet or hot surfaces, on very hot or

windy days.

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

After having applied ISOFREE, wait 24 hours before applying a first coat of paint.

#### Warning

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

#### Consumption

ISOFREE has a yield of 8 - 14 m<sup>2</sup>/ per coat, depending on absorption, dilution and the type of surface.

#### Equipment for application

ISOFREE can be applied with brush, roller or sprayed.

Wash equipment with water after use.

#### Packaging and storage

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

The product should be stored in the original containers that are well-sealed, in a cool and dry place. It is stable for at least 12 months providing the room temperature is between +5°C and +30°C.

#### Health and safety regulations

Ventilate during application. Avoid contact with skin and eyes. In the case of contact wash immediately and abundantly with soap and water.

For further information consult the health and safety data sheet.

#### 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.

Date : 27/09/19