



Solas assumes no responsibility for the improper use of its products. This technical data sheet has been compiled in good faith and on the basis of our experience: should doubts arise, carry out trials to determine the best procedure. The issuance of an updated version of this data sheet automatically supercedes and voids any earlier versions. The data sheet is purely an informative document and in no way constitutes or provides a basis for litigation.

Technical data sheet – july 2015

TRASPIRANTE M11

Water-based coating for interiors with vegetable resins.

Traspirante M11 Bianca Solas can be coloured with pastel shades by adding the **Concentrated water-based coloured coatings M00 Solas**. **Traspirante M11 Neutra Solas** is suited to obtain plain colours.

FIELD OF APPLICATION

To paint new walls or repaint existing ones. Can be used on all suitably primed, well-secured surfaces.

Excellent primer for mural glazing: apply a coat on a primer prepared with **Solas Fissante M10** and then with **Solas Smagliante M13**.

CHARACTERISTICS

ACTION:

breathable and protective.

ANTI-STATIC:

repels dust.

APPEARANCE:

Matt, covering. White or colourable with **Concentrated water-based coloured coatings Solas M00**.

SPECIFIC WEIGHT:

1.6 kg/litre.

COVERAGE:

13 sq.m./litre. High coverage and elasticity.

DRYING TIME:

Wait 4/8 hours between each coat. Data refer to a temperature of 20°C and rel. humidity of 60%.

DOES NOT CONTAIN:

acrylic, vinyl, alchidic resins, polyurethanes, isoaliphates, biocides and toxic substances in general.

PRODUCT SIZES:

0,75 litres (for 9 sq.m), 3,5 litres (for 45 sq.m), 14 litres (for 182 sq.m)

PERMEABILITY 'THE STEAM OF TRASPIRANTE M11 SOLAS ACCORDING TO UNI EN ISO 7783 / 2-2001

$V = 6368g / (m^2d)$ UP 42 TIMES THE BEST VALUE OF REGULATORY UNI

$Sd = 0,0033m$

$\mu = 33$ number of diffusion resistance)

LEGEND: (classification of the degree of permeability 'water vapor UNI 10795-1999)

High: $V > = 150$ Medium-high $100 < V < 150$ Medium: $60 < V < 100$ Medium-low: $150 < V < 60$ Low: $V < 15$

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DILUTING RATIO

In M11F000 white, add 20% -40% of water in relation to the characteristics of the fund.

In M11F100 neutral, adding no more than 10% -15% water.

In the case of water-based paint colored, inputting more than 20% of dye, do not dilute further the water-based paint with water.

Higher dilutions affect the resistance of the finish.

In the presence of mildew on the walls, use a solution of Boron Salts L10 Solas (1 kg of Boron Salts Solas L10 in 7 liters of water) for the dilution of painting and for the washing of unhealthy zones.



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COMPLETE RAW MATERIAL LIST

Water, calcium carbonates, titanium dioxide, casein, aluminum silicate, glycerol ester of rosin, castor oil, borates, <0.5%: ethylcellulose, zinc oxide, <0.1%: salts of Zr, Zn and Co, alcohol ethoxylates, sodium hydroxide, essential oil sink.

INSTRUCTIONS FOR USE

- Provisions new, lime, gypsum or dust should be prepared with Fixing M10 Solas
 - For staining, use Hydro-M05 Solas or toner colors concentrated water M01 Solas.
 - For the color system with Hydro-toner adhere strictly to the amount indicated. For the last cut (8 bottles) reducing dilution with water to a maximum of 10%.
 - The neutral water-based paint should never be used as such, it must always be colored to ensure adequate coverage. To obtain an optimal opacity using the variant neutral colors and the concentrated water M01, insert not less than 10% of dye (75 ml for the packaging of 0,750 L, 350 ml packages for the 3.5 L and 1.4 L to The pack of 14 L) and give at least two coats of water-based paint. For dyes overseas, you may want to increase the amount up to a maximum of 20%.
 - In the case of water-based paint neutral, if the wall to repaint is already colored, first apply a coat of white (or light gray if the dye below is very intense).
- In the case of water-based paint neutral, if the wall to repaint was treated stucco, first apply a coat of white wall paint to even out the surface.
- Painting case always from edge to edge, without interrupting.
 - Do not apply at temperatures below 8°C.

CLEANING EQUIPMENT

With soap and water, or with a little **Solas Fluente L30**.

STORAGE

Stored in the can in a sheltered place, away from direct sunlight and at temperatures no lower than 5°/7°C it keeps for at least 2 years

WARNINGS

Even biocompatible products containing no petroleum by-products must be kept out of the reach of children and must not be discarded in drains but must be disposed of in accordance with local regulations. Do not swallow this product.

SPECIFICATION

Idropittura antistatica, washable interior with vegetable resins type Breathable M11 Solas, free from acrylic, vinyl, alkyd, polyurethanes, isoaliphates, biocides and toxic substances in general. The coloring is given by photostable mineral pigments.

In technical listed in full of raw materials. It has a yield of 13 sqm / L. It is applied with a roller, brush or spray. Apply 2 coats at a distance of 8 hours. Prepare new funds, lime, gypsum or dust must be prepared with insulating fixative resins plant type Fixing M10 Solas.

DIRECTIVE 2004/42/EC of the European parliament

Definition of VOC (volatile organic compound): any organic compound with an initial boiling point equal to or lower than 250°C , measured at a standard pressure of 101.3 kPa.

SUBCATEGORY	TYPE	PHASE 1 (g/l) (dal 1.1.2010)	PHASE 2 (from 1.1.2010)	VOC SOLAS g/l
a) Interior and exterior minimal build wood stains	BA	75	30 g/l	1,63