



PRIMER Ecobios LIB

(WHITE WATERPROOFING LIQUID)



All-Purpose Primer for: interior and exterior walls; civil and industrial roofing, roofs, terraces, and sundecks; bituminous membranes also treated with aluminium; wood, metals, plastic, and concrete-asbestos roofing.

How to apply:

Apply one or more coats of Primer Ecobios LIB, preferably **without** diluting with **water** and using a short bristle roller to:

- a) seal hairline cracks in plaster caused by temperature changes;
- b) anchor Solaria Universal ES, SUNLIFE, and TIXIOS milk-vinegar-based paints;
- c) anchor the glass veil film supporting the coating made on-site using Solaria Universal ES, SUNLIFE, and TIXIOS milk-vinegar-based paints.
- d) To create waterproof films on-site to support **EcobioSun roof**, **EcobioSun silky** and **EcobioSun El.i.T.** paints.

Apply one or more coats of Primer Ecobios LIB mixed with **20% of Ecobios LED:**

- 1. to reinforce **crumbly surfaces** before applying mineral coating on-site;
- 2. to support the breathable mineral coating to apply **inside residential** buildings with Solaria Universal ES.

Usage. A 7.5L tub of Primer Ecobios LIB can cover a surface in good condition of up to 40m².

Labelling pursuant to Regulation (EC) no.1272/2008 (CLP). EUH208: contains reaction mass of: 5-chloro-2-methyl-2H-isothiazolin-3-one (3:1) 2-OCTYL-2H-ISOTHIAZOL-3-ONE. May cause an allergic reaction. Wear protective gloves/clothing and eye/face protection. Dispose of packaging as special waste.

VOC: Maximum VOC content 30 g/l; maximum value permitted by EU (Cat. A/BA) is 30 g/l (2010).



Laboratori Ecobios s.r.l.

Batch no. 14/A - Zona Industriale - 73033 Corsano (Le)
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Contents 7.5 L



**BREATHABLE
COATING**



**WASHABLE
COATING**



**WATERPROOF
COATING**

Solaria Universal ES is a milk- and wine vinegar-based mineral paint that helps with **passive energy saving** in buildings and alleviates **urban heat island** in cities.

Technical Data Sheet

a) **Interior Breathable Coating:** preferably using a short bristle roller, apply:

1. a coat of Primer Ecobios LIB diluted, if necessary, with 10% max. of Ecobios LED;
2. two coats of Solaria Universal ES diluted, if necessary, with 5% max. of Ecobios LED;

b) **Exterior coating:** using a short bristle roller and **without** diluting with water, apply:

1. a coat of Primer Ecobios LIB;
2. two coats of Solaria Universal ES;
3. and finally, depending on the application, 2 coats of:
 - **EcobioSun roof**, for a washable roof and terrace finish;
 - **EcobioSun silky**, for a semi-washable exterior and siding finish;
 - **EcobioSun El.i.T.**, for a washable finish for applications coloured using Solaria Universal ES.

c) **Waterproof Coating:** apply a coat of Primer Ecobios LIB, followed by one or more coats of **EcobioSun roof/silky**.

Interior breathable colour: mix 1 tub of Solaria Universal ES 14L with 1 75ml vial of colour concentrate.

Exterior semi-washable colour: mix 5L of **EcobioSun roof/silky** paint with 1 75ml vial of colour concentrate.

Usage: 1 tub of Solaria Universal ES 14L can cover 40m² of walls.

Warning label pursuant to Regulation (EC) 1272/2008 (CLP)



H318: Causes serious eye damage.

H315: Causes skin irritation.

P280: Wear protective gloves/clothing and eye/face protection. Use proper industrial hygiene.

P302+P352: if on skin, wash with plenty of soap and water.

Contains: Hydrated lime; CAS. 1305-62-0; EC 215-137-3.

EUH208: contains reaction mass of: 5-chloro-2-methyl-2H-isothiazolin-3-one (3:1) 2-OCTYL-2HISOTHIAZOL-3-ONE. May cause an allergic reaction.

Wear protective gloves/clothing and eye/face protection.

VOC: Maximum VOC content 30 g/l; maximum value permitted by EU (Cat. A/BA) is 30 g/l (2010).

Dispose of packaging as special hazardous waste. **Info:** H CAV Foggia (Italy) + 39 800183459 (24/24).

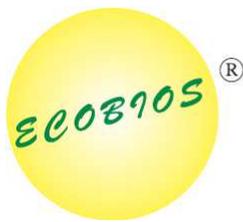


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Contents 14 L



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TIXOS



Thixotropic Finishing Mortar based on milk and wine-vinegar emulsion

Technical Data Sheet

Anti-Smog Micro-Coating for Exterior Walls

The approximately 2mm exterior **anti-smog** micro-coating with **double layer** is made as follows:

1. Using a roller and without water, apply a first coat of Primer Ecobios LIB (0.19L/m²);
2. Installation of a 45g/m² glass veil fixed with a second coat, by roller and without water, of Primer Ecobios LIB (0.19L/m²);
3. Using a hand trowel, apply a **first coat** of no less than 500g/m² of TIXOS (in addition to the cement), mixed with 30% of **quick-setting cement**;
4. Using a roller and without water, apply a third coat of Primer Ecobios LIB (0.19L/m²);
5. Using a hand trowel, apply a **second coat** of no less than 500g/m² of TIXOS (in addition to the cement), mixed with 30% of **quick-setting cement**;
6. Using a roller and without water, apply a fourth coat of Primer Ecobios LIB (0.19L/m²);
7. Using a roller and without water, apply 2 coats of Solaria Universal ES milk- and wine vinegar-based mineral paint (0.35L/m²).
8. Using a roller and/or spray, and without water, apply 2 coats of white/coloured EcobioSun Silky/El.i.T.(0.13L/m²).

Technical Data Sheet

Anti-Mould Micro-Coating for Interior Walls

The approximately 2mm interior **anti-mould** micro-coating with **double layer** is made as follows:

1. Using a roller and without water, apply a first coat of Primer Ecobios LIB (0.19L/m²);
2. Installation of a 45g/m² glass veil fixed with a second coat, by roller and without water, of Primer Ecobios LIB (0.19L/m²);
3. Using a hand trowel, apply a **first coat** of no less than 500g/m² of TIXOS (in addition to the plaster), mixed with 30% **quick-setting alabaster plaster**;
4. Using a roller and without water, apply a third coat of Primer Ecobios LIB (0.19L/m²);
5. Using a hand trowel, apply a **second coat** of no less than 500g/m² of TIXOS (in addition to the plaster), mixed with 30% **quick-setting alabaster plaster**;
6. Using a roller and without water, apply a fourth coat of Primer Ecobios LIB (0.19L/m²);
7. Using a roller and without water, apply 2 coats of Solaria Universal ES milk- and wine vinegar-based mineral paint (0.35L/m²).



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EcobioSun roof is a glossy white washable paint used for **washable finishes on roofs**, terraces, and sun-decks treated with Solaria Universal ES milk-vinegar-based mineral paint.

Technical Data Sheet

Roof and terrace coating. Preferably using a short bristle roller without water, apply one or more coats of **EcobioSun roof**, without "stopping" while applying the first coat on the dry Solaria Universal ES surface.

Waterproof Film. Using a roller and/or spraying, apply one or more coats of Primer Ecobios LIB, followed by one or more coats of **EcobioSun roof** on terraces and/or perimeter walls of terraces that need waterproofing.



EcobioSun silky is a white satin semi-washable paint used to **finish** the siding and exterior vertical walls of buildings as a finishing paint on the washable coating made on-site using Solaria Universal ES.

Technical Data Sheet

Exterior wall semi-washable coating. Preferably using a short bristle roller without water, apply one or more coats of **EcobioSun silky**, without "stopping" while applying the first coat on the dry Solaria Universal ES surface.

Waterproof Film. Using a roller and/or spraying, apply one or more coats of Primer Ecobios LIB, followed by one or more coats of **EcobioSun silky** to exterior walls that need waterproofing.



EcobioSun El.i.T. is a satin semi-washable paint that is **transparent**, colourless, and neutral to use in finishing **exterior coloured coatings** of Solaria Universal ES, giving it protection from the elements and an even "wet look" effect to the colour tone.

Technical Data Sheet

1. Spray two coats of the undiluted finish on the completely dry coloured surface treated with Solaria Universal ES.

2. To saturate porous walls and stones -even decorative ones- with transparent waterproofing, spray on two coats of **EcobioSun El.i.T.:**

- **the first coat** must be diluted with water up to 100% to help the dry support **absorb** the paint transported by the water;

- **the second coat** must be sprayed on without water to **waterproof** the coated surface.

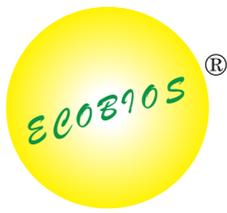
Technical Data

Filming temperature. **EcobioSun roof** - **EcobioSun silky** - **EcobioSun El.i.T.** - begin to film starting at 10°C.

Usage. 5L can cover up to 40m² of terrace in two coats.

Colouring. They have excellent charge and pigment binding power (1 75ml vial in 5L).

Storage. Do not expose to freezing temperatures or direct sunlight.



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Exterior Finishing Colour Chart for Solaria Universal ES Coating

Laboratori Ecobios s.r.l. supplies concentrated pigments for styrene-acrylic paints in **75ml** vials in the following colour tones: **red, yellow, brown, green, black, and blue.**

In colouring siding and exterior coatings made with Solaria Universal ES milk-vinegar-based paint, **EcobioSun silky** and **EcobioSun El.i.T.** finishing paints are used, applied in two coats, preferably by spraying, in the desired colour tone.

Proceed as follows for:

- **Full colour tone:** mix **1** 75ml vial with **5L** of **EcobioSun El.i.T.** paint.
- **Intermediate colour tone:** mix **1** 75ml vial with **5L** of **EcobioSun silky** paint.
- **Colour point:** apply a coat of **EcobioSun silky**, followed by a coat of **EcobioSun El.i.T.**

COLOUR	Cl. no.	FULL TONE	1:3 SHADE	1:20 SHADE	Light Fastness			Weather Fastness			Chemicals	
					FT	1:3	1:20	FT	1:3	1:20	Acid	Alkali
RED OX RED IRON OXIDE	77491 P.R. 101				8	8	8	5	5	5	4-5	5
YELLOW OX IRON OXIDE YELLOW	77492 P.Y. 42				8	8	8	5	5	5	4-5	5
BROWN IRON OXIDE BROWN	77492 MIX				8	8	8	5	5	5	4-5	5
GREEN OX CHROME OXIDE GREEN	77288 P.G. 17				8	8	8	5	5	5	5	5
BLACK OX IRON OXIDE BLACK	77499 P.B. 11				8	8	8	5	5	5	5	5
BLUE 36 COBALT BLUE	77343 P.R. 36				8	8	7-8	5	4-5	4-5	5	5

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