

ESSENZA LINE

WARM PAPER is an interior thermal wallcovering obtained from the ISO BELL substrate: a breathable thermal membrane in recycled PET technical fabric, five millimetres thick, produced by Manifattura del Seveso and covered by European Technical Assessment ETA 25/1101.

The membrane is impermeable to liquid water and permeable to water vapour: applied to the inner face of the wall, it places a low-conductivity layer between the wall and the room without interrupting vapour diffusion. It is glued directly onto the existing substrate, with no demolition or masonry work.

The system consists of three coordinated products: the WARM PAPER GLUE adhesive, the WARM PAPER membrane and the WARM PAPER PAINT PRIMER. In the Essenza line the membrane is natural white and receives a breathable wall paint of your choice. All components are chosen so as not to cancel the vapour permeability of the membrane.

WARM PAPER by ISO BELL - ETA 25/1101 values

Characteristics	Standard	Results
Mass per unit area	EN 1849-2	650-700 g/m ²
Air tightness	UNI EN 12114:2001	0.16 m ³ /(m ² ·h·50Pa)
Water vapour transmission	EN ISO 12572	33.0
Equivalent air layer thickness Sd	EN ISO 12572	0.17 m
Thermal conductivity	EN 12667	0.036 W/mK
Thermal resistance R		0.153 m ² ·K/W
Reaction to fire	EN 13501	E
Thickness	-	5 mm
Mould resistance	DIN 53931	no fungal growth
	THOR No. 800.2	
Tests carried out at qualified laboratories		

HOW TO INSTALL - ESSENZA LINE - DO IT YOURSELF - 7 STEPS

01

Wall preparation

Remove mould, flaking paint, residues and loose parts. Clean thoroughly until you obtain a stable, dry and sufficiently even surface.

02

Measuring the surface

Measure the height of the wall and transfer it onto the roll, planning the correct position of the strips.

03

Cutting the fabric

Cut WARM PAPER to the required length with a utility knife and a straightedge. The membrane is about 5 mm thick.

04

Applying the adhesive

Apply WARM PAPER GLUE evenly to the wall with a metal trowel with a fine triangular notch (about 2 mm).

05

Applying WARM PAPER

Lay the strips on the wet adhesive and press them down carefully. Butt the joints without overlapping and smooth the surface with the trowel, flattening the seams.

06

Base primer

Once the fabric is dry, roll on one coat of WARM PAPER PAINT PRIMER over the entire surface. It does not seal: it prepares the fabric for painting.

07

Final painting

When the primer is dry, roll on a breathable wall paint in the colour of your choice (not included in the kit). The result is a uniform, protected and fully finished wall. Impronta cycle: wall, WARM PAPER GLUE, printed WARM PAPER; no primer, no paint.

FORMATS AND COVERAGE

Roll	62 cm × 9 m, approx. 5.5 m ²
Essenza kit	Roll, WARM PAPER GLUE 3 kg, WARM PAPER PAINT PRIMER 3 kg, trowel, instructions
Kit coverage	approx. 5.5 m ²
Application	Interior walls, including bathrooms and humid rooms
Repaintable	Yes, with breathable wall paints (Essenza)

WARNINGS

The substrate must be clean, dry and free of loose or flaking parts. Do not apply on walls with active rising damp without first resolving its cause. Use only the adhesive and primer of the system, or non-film-forming products: a sealing finish cancels the breathability of the wall. Recommended application temperature between 10 and 30 °C. Store the rolls in a dry place, horizontally, in their original packaging. Drying times and consumption of the components are given in the respective product data sheets.

The membrane values derive from European Technical Assessment ETA 25/1101 issued for the ISO BELL substrate. The information in this data sheet is based on current technical knowledge and does not replace on-site verification.



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