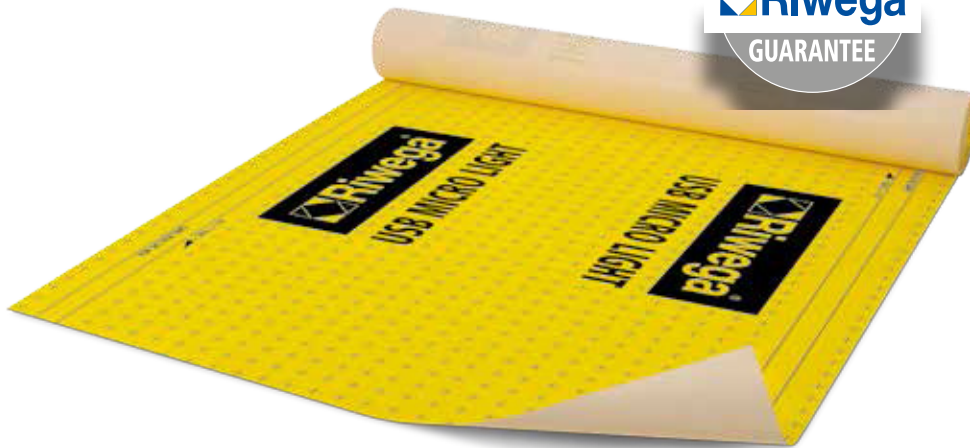


# USB Micro Light

Art. 1,5 m **02030115**  
Art. 3,0 m **020301150**

## Classification:



- Water repellent, UV stabilized protective top layer
- Functional PE film, waterproof and slightly breathable
- Absorbent protective bottom layer

## QUICK OVERVIEW: STRENGTHS

### The lightweight vapour control layer!

Thanks to its **lightweight and handiness** the USB Micro Light is the ideal vapour control layer for walls and to be applied on roofs working from inside.

Guarantees water and airtightness, regulates the passage of water vapour.

**Semi-transparent**, easy to install.



## Technical data sheet

Material	PP.PE.PP	
Film	PE	
Colour	yellow/white (semitrasparente)	
Roll width (m)	1,5 / 3,0	
Roll length (m)	50	
Roll weight (kg)	9 / 18	

Areal mass (g/m <sup>2</sup> )	EN 1849-2	120 (±10 g/m <sup>2</sup> )
Equivalent air layer to vapour passage - Sd (m)	UNI EN ISO 12572	10
DVA diffusion of vapour (g/m <sup>2</sup> /24 hours)	UNI EN ISO 12572	ca. 3
Water column (cm)	EN 20811	>400
Heavy rain test		passed
Watertightness	EN 13984	passed
Tensile strength MD/CD*	EN 12311-1	210 / 160 (±30N/50mm)
Elongation MD/CD*	EN 12311-1	60 / 80 (±15%)
Tear strength MD/CD*	EN 12310-1	180 / 220 (±15N)
Fire class	EN 13501-1	E
UV stability		4 months
Temperature		-40°/+100°C

### Necessary data for hygrothermic calculation:

Density (kg/m <sup>3</sup> )	EN 1849-1	211
Thickness (mm)	EN 1849-2	0,57
Coefficient of vapour passage resistance (μ)	UNI EN ISO 12572	17544
Permeability of vapour (kg/m*s*Pa)	UNI EN ISO 12572	0,0110 *10 <sup>-12</sup>
Thermal conductivity lambda-λ (W/mK)		0,22
Specific heat (J/KgK)		1700



**USB Micro Light** is a 3 layer waterproof and airtight vapour control layer. Its top and bottom layers are made of non-woven polypropylene fabric which protect the middle PE microporous film with low-breathability. The three layers are bonded using an innovative procedure of molecular expansion.

The main feature of this particular vapour control layer is its light weight (120 g/m<sup>2</sup>) which makes it the ideal product for walls or to be applied on ceilings or roofs working from inside.

Riwega has created an entire range of sealing products (see R3) to guarantee a building envelope with perfect airtightness and control of vapour passage. All holes caused by screws for fixing finishing panels or substructures must be sealed with the nail sealing tape USB Tip Kont.

\*MD = longitudinal CD = transversal

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