

TECHNICAL SPECIFICATION
ECOPANEL® WL/FW (F060)
 (wall & cold room panel)

DESCRIPTION

ECOPANEL® WL/FW is a composite thermo-insulating sandwich panel, manufactured by two metal sheets Special edges shaped and insulation core of rigid polyurethane foam, produced according to the European Standard EN14509:2013 and CE mark.

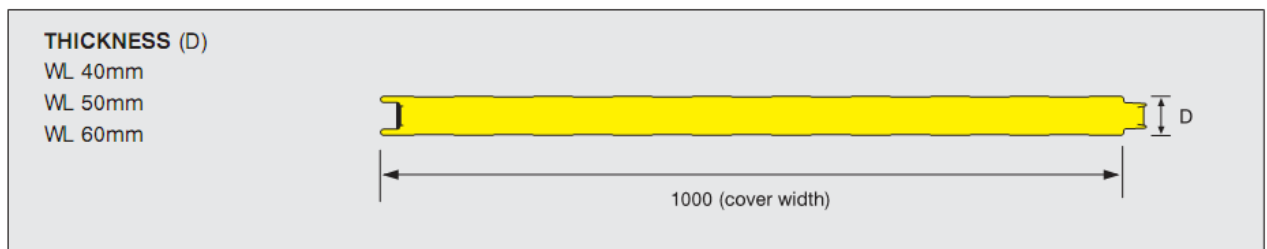
Used for room storage walls and ceiling.

Steel sheet surface on both sides slightly shaped “standard” type or smooth lining.

Factory fitted foam tape of closed cells in the female side and aluminum-paper tape in the male side guarantee to the joint great air-tightness and thermal insulation.

Nominal thickness: 60mm - Cover width: 1.000mm

SHAPE – DIMENSIONS



TECHNICAL CHARACTERISTICS

Foam core density (Kgr./m ³)	40 ± 2 (EN 1602)
Thermal conductivity factor: λ ₁₀ (W/mK)	0,0215 (ISO 8302 / EN 12667)
Heat Transmission coefficient: U (W/m ² K)	0.35
Closed cells (%)	> 92 % (ISO 4590)
Blowing foam core agent	Pentane (CFC free & HCFC free)
Foam core / Element Fire reaction	B3 / B2 (DIN 4102) - F (EN 13501-1)
Steel sheet grade	DX51D / S220GD~S320GD (EN 10346)
Steel sheet thickness (mm)	0.45 mm (EN 10143)
Corrosion protection	Z 100 (EN 10346)
Finishing coating type and thickness	Polyester : 25 µm
Certification / Tolerances	CE / EN 14509:2013