

UNIVERCELL PANNEAUX (Panel)

UNIVERCELL PANNEAUX is a semi-rigid cellulose wadding thermal insulation panel used for buildings and available in several thicknesses.

User application

UNIVERCELL PANNEAUX is used for new works or renovation for the thermo-acoustical insulation of:

- Vertical walls:
 - walls of wooden-framed houses or buildings,
 - masonry walls.
- Converted or lost attics:
 - between rafters or purlins for traditional framework,
 - between trusses in industrial framework,
 - on attic floors.
- Separative and distributive partitions between premises.

Composition

UNIVERCELL PANNEAUX (panel)	
65% of cellulose wadding	
20% textile fibers, mainly cotton, from the recycling industry	
15% thermofusible textile fibers	
Cryptogamic specific treatment of cellulose wadding and textile fiber	

Packaging

UNIVERCELL PANNEAUX (panel)						
Thickness (mm)	45	60	80	100	120	140
Panel/package	13	10	7	6	5	4
M ² /package	9,4	7,2	5,0	4,3	3,6	2,9
M ² /pallet	37.4	57.6	40.3	34.6	28.8	23.0
Storage	Wrapped pallets must be stored on flat support, away from weather.					

Characteristics

	UNIVERCELL PANNEAUX (panel)					
Density	40 to 45 kg/m ³					
Thermal conductivity	0,039 W/(m.K)					
Length	120 cm					
Width	60 cm					
Thickness (mm)	45	60	80	100	120	140
Thermal resistance (m ² .K/W)	1.15	1.50	2.05	2.55	3.05	3.55
Noise reduction	Rw(C;Ctr) = 40 (-3;-9) dB					

Installation

The installation falls within the traditional techniques and it is performed according to the requirements of the standards in force (Code of Practice: DTU, CSTB Technical Guidelines, ...) for the intended use. For example, the installation is made in compliance with:

- CSTB technical guideline 3560*v2, for attic insulation,
- CSTB technical guideline 3728, for vertical walls insulation.

UNIVERCELL PANELS are semi-rigid thermal insulation panels. They can be cut easily with a knife adapted to cut the insulation panels based on vegetal fibers or by using a circular saw.

Special indications

Hygiene, health and environment:

The product is not classified as dangerous according to French and European regulations.

For further information, please refer to relevant Safety Data Sheet, including precautions to take in case dusts or machining operations.

Traceability:

Product traceability is ensured through a manufacturing code present on the packaging.

QSE integrated system:

SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the **Quality (ISO 9001)**, **Environment (ISO 14001)** and **Health-Security (OHSAS 18001)** certified.