



Lempagips is a wall panel made of plasterboard and fibreboard. This insulating panel is made of wood fibre mixed with water and dried in a drying kiln. The end result is a hard-wearing panel with soundproofing as well as thermal properties.

Lempagips can be used to address any acoustic problems (walls, ceilings, wall cladding, etc.)

APPLICATIONS

Acoustic false and partition walls

CHARACTERISTICS

Dimensions	32,5 x 2600 x 1200 mm
Edge finish	Tapered edge (AK)
Bonding	PVAc (white wood glue)

Benefits of LEMPAGIPS

- Perfect as a finish for a false or partition wall.
- Improved airborne sound insulation.
- Lightweight.
- Easy installation.
- Can be finished like a standard plasterboard wall.

FORMATS

Total thickness	R _D plaster-board + fibre-board (m ² K/W)	Thickness of plasterboard	Thickness of fibreboard	Panels per pallet	m ² per pallet	Weight (kg/ piece)
32.5mm	0.45	12.5	20	25	78	± 40.9



MECHANICAL AND BUILDING PHYSICS PROPERTIES

	Testing method	Plasterboard	Testing method	Fibreboard
Density	Target value	728 kg/m ³	EN 323	230 kg/m ³
Density tolerance		n.v.t.		± 20 kg/m ³
Bending strength (MOR) - longitudinal direction	EN 520	≥ 610 N		n.v.t.
Bending strength (MOR) - dwarsrichting	EN 520	≥ 210 N		n.v.t.
Modus of elasticity (MOE) - lengterichting		n.v.t.	EN 310	0.9 N/mm ²
Modus of elasticity (MOE) - dwarsrichting		n.v.t.	EN 310	0.9 N/mm ²
Thickness swelling (24 hours)		n.v.t.	EN 317	10 %
Formaldehyde emission (perforator test)		n.v.t.	EN 13986	E1 mg/100g
Moisture content (ex-works)		n.v.t.	EN 622-1	4-9 %
Vapour diffusion resistance μ	EN 520	10		n.v.t.
Heat conduction coefficient λ	EN 520	0.25 W/(mK)	EN 13986	0.05 W/(mK)
Specific heat capacity	EN ISO 10456	1000 J/(kgK)	EN ISO 10456	2100 J/(kgK)
Reaction to fire classification	EN 520	A2-s1,d0	EN 13501-1	E
Pressure strength		n.v.t.	EN 826	100 kPa

n/a = not applicable
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