INSTALLATION

METAL PROFILE INSTALLATION

Caliplac researches and applies new construction formulas that are safe, sustainable and effective, recommendable for new builds and restorations. The fruit of this effort are the new CALIPLAC panels for vertical construction: DECOR, CONFORT and SOLTEC.

We draw special attention to this first model, DECOR, because of its new installation system, as it lets you finalise a partition on both faces at once, while fulfilling a double functionality: protection (sound, thermal, damp) and decoration (multiple finishes and colours).

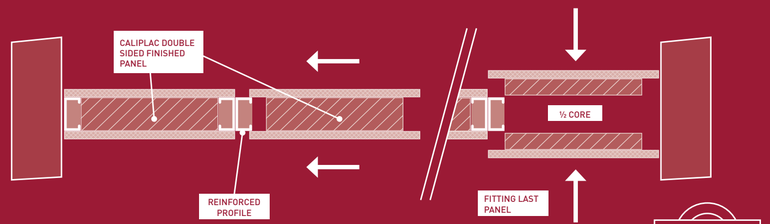
According to your construction needs, our technical staff will advise you on the thickness and type of core to use, and the possible finishes for the panel.

FITTING AND AFFIXING PANELS

SECURING BUILD

FITTINGSYSTEM	DRY BUILDING	PANEL TYPE	PANEL COMPOSITION	INSTALLATION	CHANNELLING
Direct	Cladding	CONFORT	Finish + dovetailed core	On metal or wooden structure, omega profile	Hides electrical and telecommunications installation
	Mezzanines	SOLTEC	Inner face + dovetailed core + finish	On wooden, metal or concrete-beam structure	Hides electrical and telecommunications installation
Metal profile	Cladding	CONFORT	Finish + ½ core	On free-standing metal profile assembled in H	Hides electrical and telecommunications installation
	Partitions	DECOR	Finish + core	On both faces on reinforced H profile	Hides electrical and telecommunications installation

*DECOR PANELS. CALIPLAC DEVELOPED FITTING PLAN (UPPER VIEW)



PATENT APPLICATION Nº P201430610

CALIPLAC

DRY BUILDING

Caliplac is a reference for quality and efficiency in sandwich panel manufacturing for dry building.

Partitions, cladding and mezzanines are all possible in record time, with simple, clean and quick installation. Our panels guarantee you the best results in thermal and sound insulation, resistance and protection in any type of project (restoration, new builds). All Caliplac panels comply with the safety and quality control standards demanded by European regulations.

- **EFFICIENCY:** thermal and sound insulation, moisture and fire resistant, (according to type of panel)
- **SAVING:** simple, clean and dry installation
- **COMFORT:** infinite decorative finish combinations

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CALIPLAC

ALWAYS ON TOP

THE EVOLUTION OF CONSTRUCTION SYSTEMS

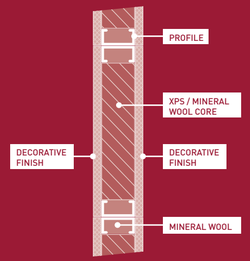
PARTITIONS · CLADDINGS · MEZZANINES

PARTITIONS

DECOR

Panels for creating dividing partitions

Caliplac installation upper view



DIMENSIONS* / (WIDTH x LENGTH): 600 x 2,600 mm

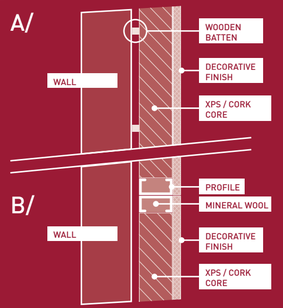
OUTER FACE /	Plasterboard, wooden panelling, melamine, plywood, decorative stone...	
NÚCLEO /	- Extruded Polystyrene (XPS) - Lana de roca	60 /70 / 90 mm
INSTALLATION/	Self-supporting profile	

**Check availability for other sizes and thicknesses.*

CLADDING

CONFORT

Panels for interior partitions.



DIMENSIONS* / (WIDTH x LENGTH): 600 x 2,600 mm

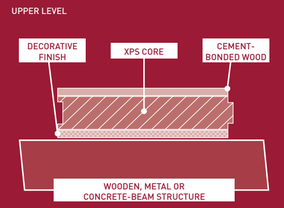
OUTER FACE /	Plasterboard, wooden panelling and others	
CORE /	- Extruded Polystyrene (XPS) - Cork	>30 mm
INSTALLATION /	- Self - Supporting profile	

**Check availability for other sizes and thicknesses.*

ENTREPLANTAS

SOLTEC

Panels for creating mezzanines/ intermediate storeys.



DIMENSIONS* / (WIDTH x LENGTH): 550 x 2,400 mm / 600 x 2,440 mm

INNER FACE /	Decorative finish	10 mm
CORE /	Extruded Polystyrene (XPS)	60 / 80 / 100 / 120 mm
OUTER FACE /	Viroc cement-bonded wood	10 mm
INSTALLATION /	Direct	

**Check availability for other sizes and thicknesses.*

CHARACTERISTICS

Self-supporting partitions are a simple, quick and economical solution for interior division in buildings. They can be used for damp areas and hide gas and electricity channel fittings. Allow door and window spaces to be created during installation. Caliplac panels mean big time savings and a great aesthetic advantage, as they allow you to choose between different finishes: plasterboard, panelling, decorative stone, plywood, melamine...

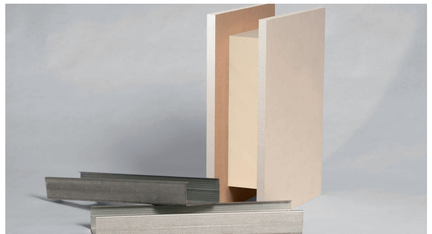
FINISHES

The panels have two visible faces, which can have the same or different finishes according to needs. The result is a finished panelling, with great thermal and sound insulation and moisture and fire resistance, according to the type of panel.

INSTALLATION

STANDARD PROFILE . Fitting is carried out with floor and ceiling channels and reinforced metal H struts.

CALIPLAC-EXCLUSIVE DEVELOPMENT. An installation system that allows both sides of the panels to be fitted at the same time. The panels have a core that is smaller than the exterior face allowing them to be fitted on reinforced H profiles. The spaces are filled with mineral wool to avoid thermal bridges. The finishing panels are fitted divided, as in the conventional system.



CHARACTERISTICS

Caliplac cladding panels are fitted on building walls to compensate for deficiencies due to poor insulation. They improve living conditions, protecting against noise, moisture and temperature changes. Perfect insulation reduces heating and air conditioning costs.

FINISHES

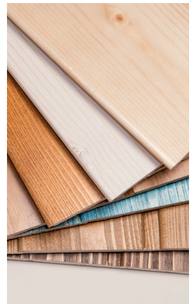
Comprised of an insulating core (XPS or cork) and a visible face that can come in different finishes (plasterboard, panelling...). Screws and joins on the panels will be hidden with a simple final finish.

INSTALLATION

These panels can be fitted in two ways: directly or self-supporting.

A/ DIRECT. The panel is placed metal or wood bracing previously fixed to the wall. The omega profile is used and the core is dovetailed for continuous overlapping of the panels, thus avoiding thermal bridges. Screws are used for fixing.

B/ SELF-SUPPORTING. The panel is fitted on a free-standing profile fixed to ceiling and floor, which permits the creation of air pockets of desired size. To avoid the thermal bridge the profiles are filled with mineral wool.



CHARACTERISTICS

Designed and manufactured for the simple, quick and effective construction of mezzanines and intermediate storeys. This panel's special composition boasts class B fire performance, excellent sound insulation and high resistance to damp. Made up of two faces: an outer face that will form part of the floor of the upper living space, and an inner face that will be the ceiling of the lower dwelling. SOLTEC is a sandwich panel made from a very lightweight material that will prevent overloading of the building's structure, which makes it particularly recommended for renovation work.

FINISHES

Caliplac offers the possibility of choosing the finish for the inner face of the panel from many decorative possibilities: plasterboard, wood panelling, Viroc cement-bonded wood. Consult all possibilities offered to you by the fir and iroko finishes (unvarnished, varnished, rustic, chestnut-stained, stripped white...)..

INSTALLATION

The panels are fitted directly over the floor structure, be it wooden, metal or concrete beams. The panels are dovetailed at the core, guaranteeing perfect coupling of the pieces. For definitive anchoring to the structure self-tapping screws are used if the structure is wooden, and self-drilling screws if the structure is metallic. Different finishes can be placed on the exterior face of the panel to finalize the living space floor: parquet, tarima, plaquete...