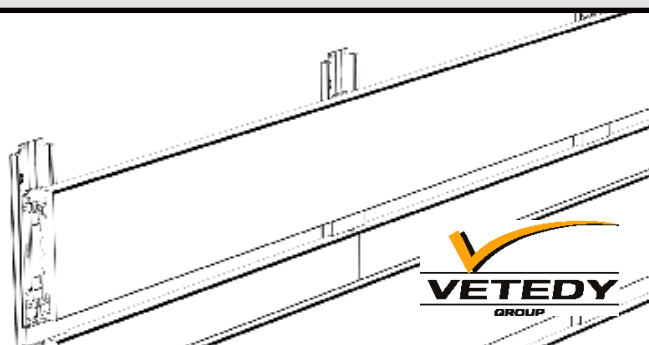# TECHNICAL SHEET
*Techni**clic**® System*

Cladding on composite structure

VETEDY
GROUP

GENERAL INFORMATIONS

Cladding
*Techni**clic*** ®

- **Dimensions :**

  Thickness of the bases, clips and fixations complex = 30mm +/- 2mm at 12% humidity

30mm
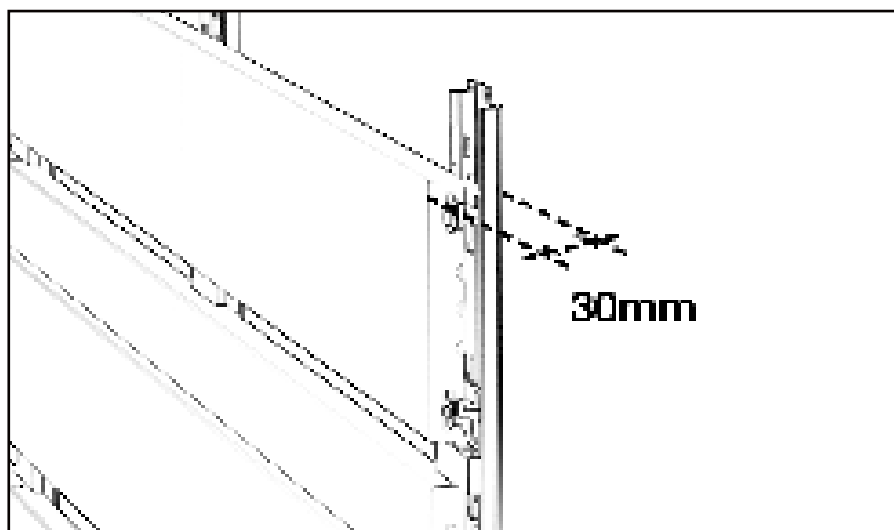
- *Conservation :*

Packaging : see file **packaging technique**

Storage : Dry and clean place, ventilated and protected from light. Improper storage can lead to a dimensional variation of the boards as well as movement or a change in color. After opening a package and returning to stock, the boards must be strapped.

Recycling :

Wood: In a suitable sorting center for destruction or recycling of planks; 100% recyclable because no treatment.

Fixation : 100% recyclable - partly made from recycled materials

Application temperature : +5 to +45°c

Operating temperature : -30 to +60°c

Fire information : N.C.

Restrictions : The Techniclic® clips cannot be used with others species than thoses offered by Vetedy Luxembourg S.A.

Security : Wood dust can induce respiratory and skin pathologies and cutaneous. When cutting, the wood can result in overheating, splinters, etc. Appropriate protective equipment should be used.

Maintenance : If cleaning is necessary, refer to the manufacturer's technical data sheet. (To limit maintenance, let the wood turn gray); Application of an oil (example of linen possible follow manufacturer's instructions). Any other treatment: out of warranty

BOARDS

• *Dimensions :*

The *Techniclic®* system is available in 3 plank widths depending on the wood species.

OUR SELECTED WOOD SPECIES

| SPECIES	THERMO	60 mm	100 mm	140 mm
Europeen Ash	●	●	●	●
Ayous	●	●	●	●
Nordic Pine	●	●	●	●
Teak Unijoint		●	●	
Padauk		●	●	
Jaya		●	●	

See ***Essence sheet*** for more information on available species

The three plank widths are all 20mm thick.

The boards are delivered in a variety of lengths with multiples of 500mm ranging from 1000 to 2500mm. e thickness of 20mm.

**Profiles :** Smooth, 1st choice, S4S, E2E-R1, grooved Techniclic®
Groove and tongue at the end milled in the wood, jointing of two boards lengthwise on a joist.
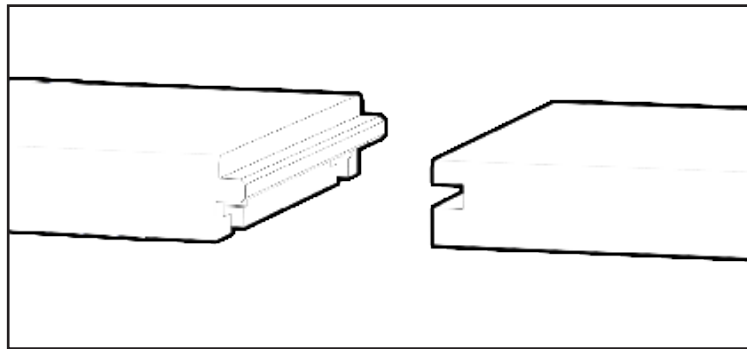
Spacing between boards :

There are 4 different spacings:

·   5mm – Standard spacing without accessories
·   10mm – using a 10mm spacer clipping onto the fixation
·   20mm – using a 20mm spacer clipping onto the fixation
·   30mm – using a 30mm spacer clipping onto the fixation
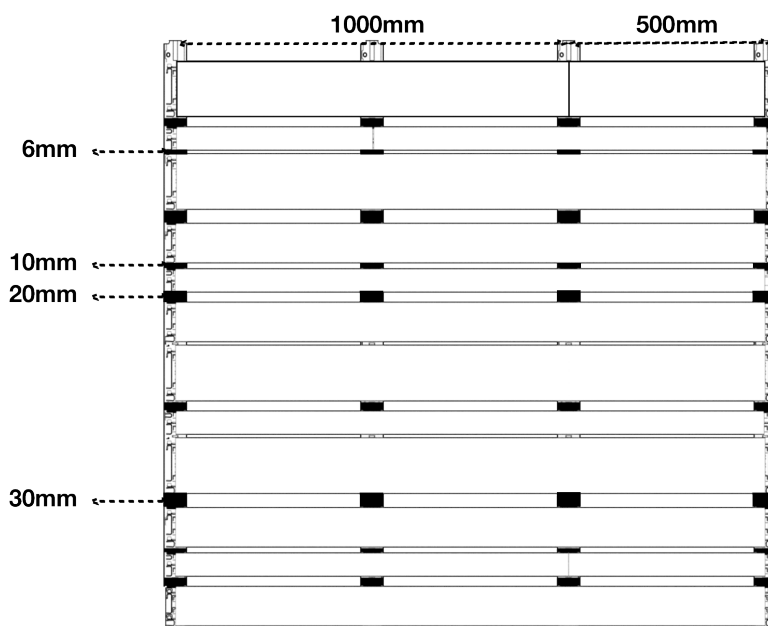
Example illustrating the flexibility of the system. With the possibility of combining the widths and spacing between boards

• *Consumption :*

Consumption (excluding losses related to site conditions - reminder: all axes at 500mm)

	WIDTH 60MM	WIDTH 100MM	WIDTH 140MM
NEEDS/BOARDS WIDTH WITHOUT SPACER	15,15 ml/m²	9,43 ml/m²	6,85 ml/m²
NEEDS/BOARDS WIDTH WITH SPACER 10	14,29 ml/m²	9,09 ml/m²	6,67 ml/m²
NEEDS/BOARDS WIDTH WITH SPACER 20	12,5 ml/m²	8,33 ml/m²	6,25 ml/m²
NEEDS/BOARDS WIDTH WITH SPACER 30	11,11 ml/m²	7,69 ml/m²	5,88 ml/m²
QUANTITY PER PALLET	720 pces	440 pces	320 pces

Installation direction and configuration :

It is entirely possible to mix the different widths of boards as well as to combine the different spacings.

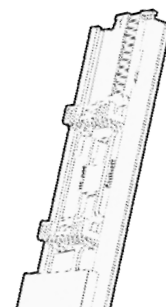The laying direction can be vertical, horizontal or diagonal.
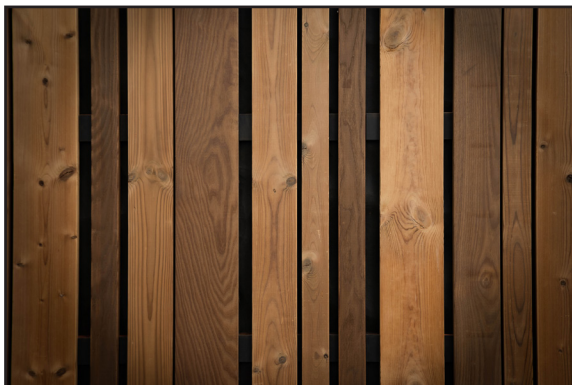
• **Fixation :**

Description : Fixation clips for fixing Techniclic® cladding boards without visible screws.

Materials : Thermopolyamide - technical composite

Color : Black

Label : REACH

Areas of use :

Interiors and exteriors. Covering of facades, walls and ceilings.

In private or public place.

On wooden joists. (other: contact us)

Composition : Base, clip and if necessary a spacer.

Physical characteristics :
- **Rigidity :** Raised at the fixing lugs, flexible as a whole. (fairly rigid base)
- **Durability :** High
- **Abrasion resistance :** High
- **Thermal resistance :** High
- **UV resistance :** High

Fixation : The base is fixed to the support by 20 screws per m² (theoretical) A2/A4 4x25mm stainless steel screws on the UV membrane and class 4 joists. The clips are inserted into the base with a rack system.

Allows you to remove a board : Yes, see **installation instructions** *Techni**clic**®*

Dimensions :

Clips + boards, corresponding to the board and the joint in assembly. Delivry Theoretical dimensions on delivery. Natural wood is subject to dimensional variations.

Clips alone :
- **Clips 60mm :** 69mm
- **Clips 100mm :** 109mm
- **Clips 140mm :** 149mm

Clip 60 :
- **Spacing 6mm :** 66mm
- **Spacer 10mm :** 71mm
- **Spacer 20mm :** 81mm
- **Spacer 30mm :** 91mm

Clip 100 :

- · **Spacing 6mm :** 106mm
- · **Spacer 10mm :** 111mm
- · **Spacer 20mm :** 121mm
- · **Spacer 30mm :** 131mm

Clips 140 :

- · **Spacing 6mm :** 146mm
- · **Spacer 10mm :** 151mm
- · **Spacer 20mm :** 161mm
- · **Spacer 30mm :** 171mm

Consumptions (theoretical) :

	BASES
NEEDS/WIDTH**	5 PCES/m²
QUANTITY/BOX	50 PCES

	CLIPS 60	CLIPS 100	CLIPS 140
NEEDS/WIDTH**	34 PCES/m²	21,2 PCES/m²	15,4 PCES/m²
QUANTITY/BOX	340 PCES	212 PCES	154 PCES

	WIDTH 60MM	WIDTH 100MM	WIDTH 140MM
	needs/width/m²**		
SPACER 10	32,14 PCES	20,45 PCES	15 PCES
SPACER 20	28,13 PCES	18,75 PCES	14,06 PCES
SPACER 30	25 PCES	17,34 PCES	13,24 PCES

N.B. : All the data mentioned in this technical sheet are theoretical and non-contractual.