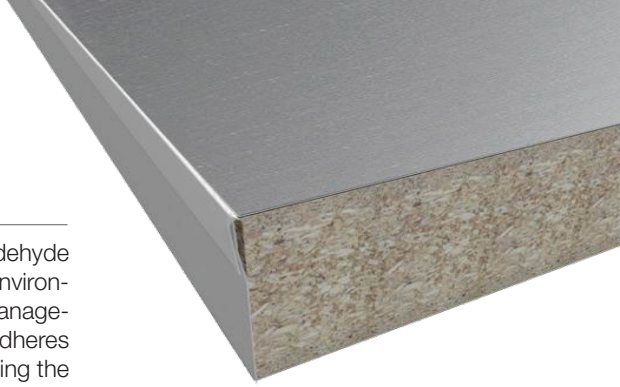


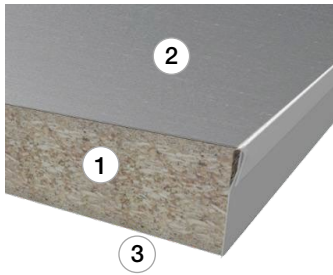
# PANEL DATA SHEET



## PTi 30 ENCAPSULATED

Panel made from wood chipboard support material added to low emission of formaldehyde resins, nominal density of 720 kg / m<sup>3</sup>, a nominal thickness of 30 mm. The material is environmental certified according to the FSC, which guarantees the proper and responsible management of forests from which the raw material constituent. The upper part of the panel adheres to a galvanized sheet steel. th. 0.5 mm, above the lower sheet th. 0.5 mm, encapsulating the central core. The reduced dimensional tolerance causes the panel falls into Class 1 according to the reference standard EN 12825.

### PTi30 ENCAPSULATED COMPOSITION



#### 1 CORE

Modular panel of chipboard (density 720 kg / mc) consists of wood particles bonded with thermosetting resins, obtained by the process of thermopressing continuously in order to ensure high homogeneity of mechanical characteristics and dimensional stability of the product

#### 2 TOP FINISH

On top of the panel is glued to a galvanized steel tray th. 0.5 mm

#### 3 BOTTOM FINISH

On bottom of the panel is glued to a galvanized steel tray th. 0.5 mm

#### Physical characteristics

Dimensional deviations with ceramic  
Walking sound level at 500Hz  
Fire rating  
Fire reaction rating  
Soft materials impact resistance  
Hard material impact resistance

class 2 (UNI EN 12825/03)  
17 dB  
REI 30 (UNI EN 13501-2/09)  
Bfl-S1 (UNI EN 13501-1/09)  
Positive  
Positive

#### Nominal characteristics

Dimension  
Thickness  
Panel weight  
Weight SQM  
Density

600x600 mm  
31 mm  
10,1 kg ± 5%  
28 kg ± 5%  
720 kg/mc ± 5%

#### Mechanical characteristics (EN 12825)

##### ENCAPSULATED PANEL

| Type of structure                       |    | SAS | STQ | STS | STR | STO | STC  |
|---|----|-----|-----|-----|-----|-----|------|
| Concentrated load - center of the side  | kN | 2,9 | 3,1 | 3,2 | 3,2 | 3,5 | 3,5  |
| Concentrated load - center of the panel | kN | 4,7 | 4,7 | 4,8 | 5,0 | 5,0 | 5,8  |
| Ultimate load                           | kN | 7,1 | 7,6 | 7,8 | 8,9 | 9,1 | 11,1 |
| Class according to EN 12825             |    | 2/A | 2/A | 2/A | 3/A | 4/A | 5/A  |

The concentrated and distributed loads refer to a 2,5 mm deflection.  
\*1 kN = 102 kg