

DESCRIPTION



Waterproof Agglomerate Panel with an upper face of waterproof chipboard in thickness of 16 or 19 mm and a lower face of the same material (chipboard) of 10, 16 or 19 mm. Its insulating core is made of high density polystyrene high **density polystyrene foam $\pm 30 - 35 \text{ kg/m}^3$** to ensure outstanding thermal insulation in all situations.

The highest production models are 30, 40, 60 and 80 mm and can also be chosen in 100 and 120 mm to ensure even higher thermal outputs. **Easy assembly means great savings for the panel incorporates a tongue-and-groove joint system** that facilitates the correct meeting of two adjoining panels to ensure the correct between two.

In this way, the customer can enjoy maximum protection with a simple installation and, above all, a spectacular finish. The water-repellent double-sided agglomerate model substantially improves damp-proofing by **increasing the watertightness and waterproofing of the room.**

TECHNICAL DATA OF THE WATERPROOF AGGLOMERATE PANEL

Top Board	Waterproof agglomerate				
Core Foam	Polyurethane (PUR) Polyisocionurate (PIR) Rock Wool Natural Cork				
View Board	Waterproof agglomerate				
Thickness (mm)	30 / 40 / 50 / 60 / 80 / 100 / 120 / 140 / 160 / 180 / 200				
Size (mm)	2490 x 600	2990 x 600	3590 x 600	4190 x 600	4990 x 600 (**)
Separation of supports (mm)	620 – 830 -1245	745 – 990 -1495	718 - 898 – 1197 - 1795	1047 – 1397- 2095	998 – 1247 – 1663 - 2495
Water vapor diffusion resistance factor (μ)	50 Dry / 16 Wet				
Reaction to Fire	E				
Airbone noise insulation	33.4 dBA Rw (C, Ctr) = 33 (-2,-4)				

LOAD TABLE OF WATERPROOF AGGLOMERATE PANEL

Length (mm)		2490	2990	3290	3590	2490					
Support lights (mm)		1245	1495	1645	1795	1245					
Thickness (mm)			Mechanical (3 supports) Arrow L/300 – Weigth in Kg/m ²				Coefficient of thermal transmission (W/m ² k)		Weight (Kg/m ²)	Panel per standard package	
View Board	Core	Top Board					Top Board				
							WP 16 mm	WP 19 mm			
10	30	16	206	172	158	---	0,797	0,784	16,18	40	206
10	40	16	227	230	210	---	0,642	0,633	16,48	34	227
10	50	16	348	290	264	235	0,564	0,557	16,78	30	348
10	60	16	416	345	315	290	0,486	0,481	17,08	26	416
10	80	16	558	464	420	385	0,381	0,377	17,68	20	558
10	100	16	692	575	528	478	0,328	0,326	18,28	18	692
10	120	16	830	690	630	580	0,279	0,277	18,88	16	830
10	140	16	970	808	735	673	0,230	0,229	19,48	14	970
10	160	16	1110	925	840	768	0,203	0,203	20,08	12	1110
10	180	16	1250	1040	950	870	0,187	0,186	20,68	10	1250
10	200	16	206	172	158	---	0,797	0,784	16,18	40	206

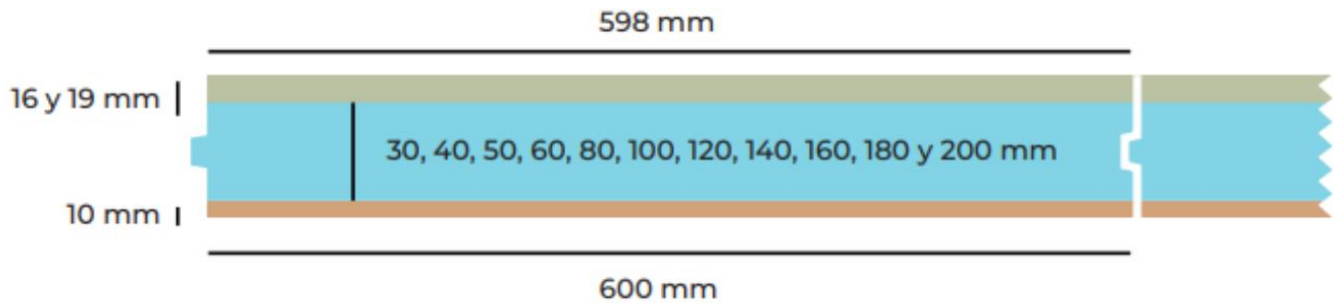
For core thicknesses 140, 160, 180, 200 and 240 mm the manufacturing sizes are 2490 x 600 and 2990 x 600 exclusively.

* The loads provided in the following document are understood as design loads.

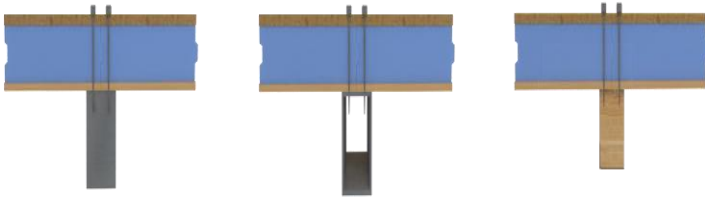
* The safety of materials has been made in accordance with DB SE-M (March 2006).

See our range of sandwich panels and accessories on our website <https://sandwich-panel.net>

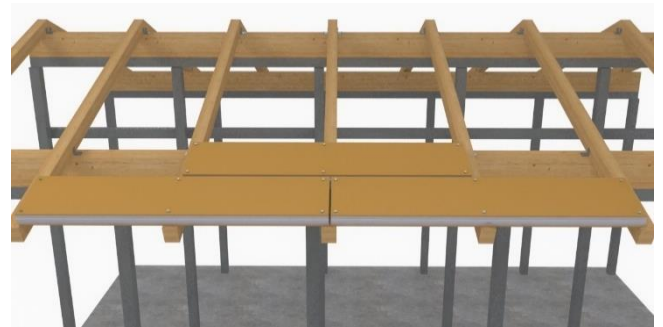
CROSS SECTION OF WATERPROOF AGGLOMERATE PANEL



PANEL JOINTS



INSTALLATION



The tongue and groove system that accompanies all our models of Waterproof Agglomerate Panel allows agile installations to be carried out simply, without the need for large deployments. The Waterproof Agglomerate Sandwich Panel **guarantees the natural image of the wood and optimal behavior with tight budgets and limited time.**

The way our experts recommended installing this type of panel through the tresbolillo, that is, **alternating the joints of the wooden panels for a strong, and resistant structure.** These mechanical characteristics of the wood panel mean savings for the client and a considerable improvement for the project because they allow for reduced costs in labor or machinery.

PHOTO

