



b.composit

PAN MDF B-CELL

Composite panel manufactured
with expanded PVC foam core and 2 MDF support sides.

RECOMMENDED USE

Furnishing sector, shelves and doors, advertising panels, construction
of exhibition stands, shop furnishing, dividing walls.

EXCELLENT RIGIDITY / WEIGHT RATIO

Technical data	PAN MDF B-CELL			
Thickness	[mm]	18	24	34
Weight with MDF 4mm	[Kg/mc]	417±5%	328±5%	249±5%
Standard Size	[mm]	1100 x 3050 - 1010 x 2200		
Operating temperature	[°C]	-200° + 80°		
Dimensional tolerances				
Thickness [mm] +/-0.5	Widht [mm] +/-2	Lenght [mm] +/-2		
B-Cell core properties				
Density	[Kg/mc]	60		
Compression resistance	[MPa]	1.00		
Fire resistance		AFNOR NF F 16.101:1988 M2		
MDF supports properties				
Density	[Kg/mc]	840		
Thickness	[mm]	4		
Finish		Raw		
General properties				
Type of bonding		Polyuretanic glue		
Paper filler application				
Suitable for edging		✓		
Suitable for folding processing				
Suitable for painting		✓		
Suitable for ceramic/marble application		✓		
Suitable for laminated application		✓		
Suitable for veneered application		✓		
Suitable for inserting screws		✓		
Suitable for inserting wooden blocks		✓		
Cutting with wooden tools		✓		
Water cutting				

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It is the responsibility of the user to make sure that the product complies with the requirements
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TRIPLEX 2 mm

Composite panel manufactured with double extruded polystyrene core and 3 MDF supports.

RECOMMENDED USE

Sides and tops of furniture, advertising panels, construction of exhibition stands, shop furnishing, dividing walls.

EXCELLENT RIGIDITY / WEIGHT RATIO

Technical data	TRIPLEX 2 mm			
Thickness	[mm]	36	46	56
Weight with MDF 2mm	[Kg/mc]	179±5%	148±5%	128±5%
Size	[mm]	1250 x 3000		
Operating temperature	[°C]	-20° +50°		
Dimensional tolerances				
Thickness [mm] +/-0.5	Widht [mm] +/-2	Lenght [mm] +/-2		
Extruded Polystyrene core properties				
Density	[Kg/mc]	35		
Fire resistance		EN 11925-2:2010 Euroclass E		
MDF supports properties				
Density	[Kg/mc]	870		
Thickness	[mm]	2		
Finish		Raw		
General properties				
Type of bonding		Polyuretanic glue		
Paper filler application				
Suitable for edging		✓ Recommended with ABS 20/10		
Suitable for folding processing				
Suitable for painting		✓		
Suitable for ceramic/marble application		✓		
Suitable for laminated application		✓		
Suitable for veneered application		✓		
Suitable for inserting screws		✓		
Suitable for inserting wooden blocks		✓		
Cutting with wooden tools		✓		
Water cutting				

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PAN MDF

Composite panel manufactured with extruded polystyrene core and 2 MDF support sides.

RECOMMENDED USE

Furnishing sector, shelves and doors, advertising panels, construction of exhibition stands, shop furnishing, dividing walls.

EXCELLENT RIGIDITY / WEIGHT RATIO

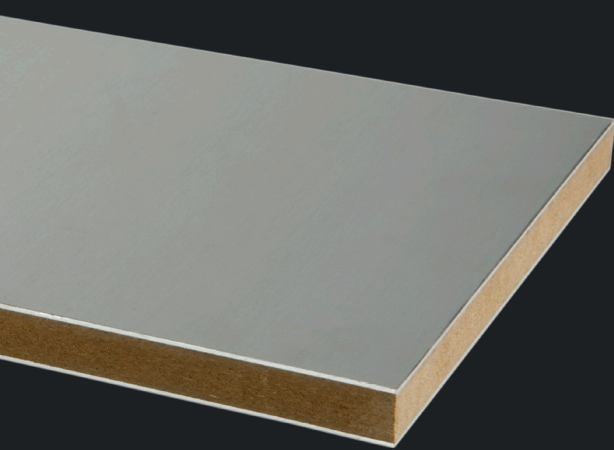
Technical data		PAN MDF			
Thickness	[mm]	28	33	38	48
Weight with MDF 4mm	[Kg/mc]	272±5%	236±5%	210±5%	173±5%
Size	[mm]	1100 x 3050 – 1010 x 2200			
Operating Temperature	[°C]	-20° +50°			
Dimensional tolerances					
Thickness [mm] +/-0.5		Widht [mm] +/-2		Lenght [mm] +/-2	
Extruded Polystyrene core properties					
Density	[Kg/mc]	35			
Fire resistance		EN 11925-2:2010 Euroclass E			
MDF supports properties					
Density	[Kg/mc]	840			
Thickness	[mm]	4			
Finish		Raw			
General properties					
Type of bonding		Polyuretanic glue			
Paper filler application					
Suitable for edging		✓ Recommended with ABS 20/10			
Suitable for folding processing					
Suitable for painting		✓			
Suitable for ceramic/marble application		✓			
Suitable for laminated application		✓			
Suitable for veneered application		✓			
Suitable for inserting screws		✓			
Suitable for inserting wooden blocks		✓			
Cutting with wooden tools		✓			
Water cutting					

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PAN ALU MDF

Composite panel manufactured with MDF core and 2 aluminum support sides.

RECOMMENDED USE

Table tops, furniture doors and shelves, advertising panels, construction of exhibition stands, shop furnishing.

EXCELLENT LOW THICKNESS / STIFFNESS RATIO

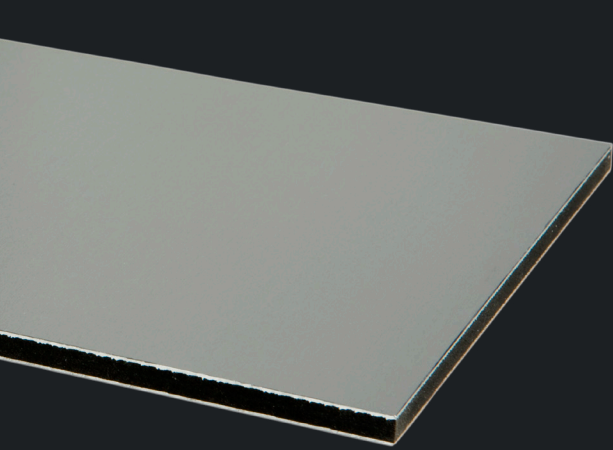
Technical data		PAN ALU MDF		
Thickness	[mm]	8	10	12
Weight with Alu Sp 1	[Kg/mc]	1330±5%	1230±5%	1165±5%
Size	[mm]	1250 x 3050		
Operating temperature	[°C]	-20° +50°		
Dimensional tolerances				
Thickness [mm] +/-0.5		Widht [mm] +/-2		Lenght [mm] +/-2
Aluminum supports properties				
Density	[Kg/mc]	2700		
Thickness	[mm]	1		
Finish		Primer/Pre-painted white		
MDF core properties				
Density	[Kg/mc]	840		
General properties				
Type of bonding		Polyuretanic glue		
Paper filler application		✓		
Suitable for edging		✓		
Suitable for folding processing		✓		
Suitable for painting		✓		
Suitable for ceramic/marble application		✓		
Suitable for laminated application		✓		
Suitable for veneered application		✓		
Suitable for inserting screws		✓		
Suitable for inserting wooden blocks				
Cutting with wooden tools		✓		
Water cutting				

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PAN ALU PVC

Composite panel manufactured with expanded PVC core and 2 aluminum support sides.

RECOMMENDED USE

Table tops, bathroom shelves, walls for shower cabins, advertising panels, construction of exhibition stands, shop furnishing, dividing walls.

EXCELLENT WATER RESISTANCE AND RIGIDITY

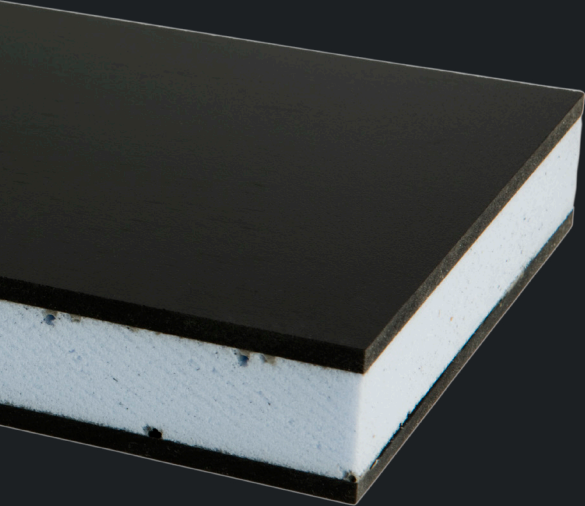
Technical data		PAN ALU PVC			
Thickness		[mm]	6,5	9,5	14,5
Weight with Alu Sp 0.7		[Kg/mc]	1051±5%	891±5%	773±5%
Size		[mm]	1300 x 3050 - 1300 x 4200		
Operating temperature		[°C]	-20° +50°		
Dimensional tolerances					
Thickness [mm] +/-0.5		Widht [mm] +/-2	Lenght [mm] +/-2		
PVC core properties					
Density		[Kg/mc]	550		
Color			White/*Black for thickness 6,5mm only		
Reaction to fire			EN 13501-1:2018 B s1 d0		
Alumium supports properties					
Density		[Kg/mc]	2700		
Thickness		[mm]	0,7		
Finish			Primer		
General properties					
Type of bonding			Polyuretanic glue		
Paper filler application			✓		
Suitable for edging			✓		
Suitable for folding processing			✓		
Suitable for painting			✓		
Suitable for ceramic/marble application			✓		
Suitable for laminated application			✓		
Suitable for veneered application			✓		
Suitable for inserting screws			✓		
Suitable for inserting wooden blocks					
Cutting with wooden tools			✓		
Water cutting			✓		

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PAN PVC 5 mm

Composite panel manufactured with extruded polystyrene core and 2 expanded PVC support sides.

RECOMMENDED USE

Furnishing sector, Kitchen tops, advertising panels, constructions of exhibition stands, shop furnishing, dividing walls, false ceilings.

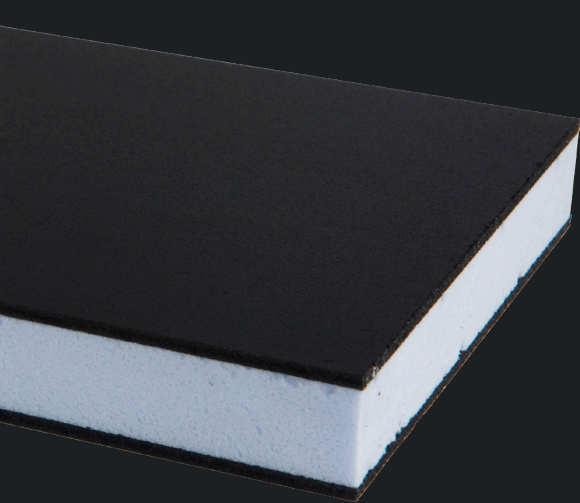
Technical data		PAN PVC 5 mm			
Thickness		[mm]	30	40	50
Weight with PVC 5mm		[kg/mc]	213±5%	169±5%	142±5%
Size		[mm]	1300 x 3050		
Operating temperature		[°C]	-20° +50°		
Dimensional tolerances					
Thickness [mm] +/-0.5		Widht [mm] +/-2		Lenght [mm] +/-2	
PVC supports properties					
Density		[kg/mc]	550		
Thickness		[mm]	5		
Color			White		
Reaction to fire			EN 13501-1:2018 B s1 d0		
Extruded Polystyrene core properties					
Density		[kg/mc]	35		
Fire resistance			Euroclass E		
General properties					
Type of bonding			Polyuretanic glue		
Paper filler application					
Suitable for edging			✓ Recommended with ABS 20/10		
Suitable for folding processing					
Suitable for painting			✓		
Suitable for ceramic/marble application			✓		
Suitable for laminated application			✓		
Suitable for veneered application					
Suitable for inserting screws			✓		
Suitable for inserting wooden blocks			✓		
Cutting with wooden tools			✓		
Water cutting			✓		

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PAN PVC 3 mm

Composite panel manufactured with extruded polystyrene core and 2 expanded PVC support sides.

RECOMMENDED USE

Furnishing sector, Kitchen tops, advertising panels, constructions of exhibition stands, shop furnishing, dividing walls, false ceilings.

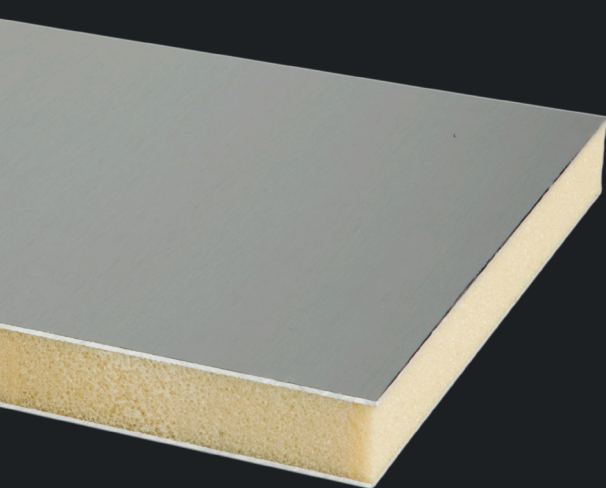
Technical data		PAN PVC 3 mm		
Thickness	[mm]	26	30	36
Weight with PVC 3mm	[kg/mc]	161±5%	144±5%	126±5%
Size	[mm]	1220 x 3050		
Operating temperature	[°C]	-20° +50°		
Dimensional tolerances				
Thickness [mm] +/-0.5		Widht [mm] +/-2		Lenght [mm] +/-2
PVC supports properties				
Density	[kg/mc]	550		
Thickness	[mm]	3		
Color		White/ Black		
Reaction to fire		DIN EN 13501-1 B s3d0		
Extruded Polystyrene core properties				
Density	[kg/mc]	35		
Fire resistance		Euroclass E		
General properties				
Type of bonding		Polyuretanic glue		
Paper filler application				
Suitable fo edging		✓ Recommended with ABS 20/10		
Suitable for folding processing				
Suitable for painting		✓		
Suitable for ceramic/marble application		✓		
Suitable for laminated application		✓		
Suitable for veneered application				
Suitable for inserting screws		✓		
Suitable for inserting wooden blocks		✓		
Cutting with wooden tools		✓		
Water cutting		✓		

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PAN ALU B-CELL

Composite panel manufactured with expanded PVC foam and 2 sides aluminum support sides.

RECOMMENDED USE

Table tops, furniture doors and shelves, advertising panels, construction of exhibition stands, shop furnishing, dividing walls.

EXCELLENT RIGIDITY / WEIGHT RATIO

Technical data	PAN ALU B-CELL			
Thickness	[mm]	12	16	18
Weight with Alu 1mm	[Kg/mc]	516±5%	402±5%	364±5%
Size	[mm]	1250 x 2400		
Operating temperature	[°C]	-200° +80°		
Dimensional tolerances				
Thickness [mm] +/-0.5	Widht [mm] +/-2	Lenght [mm] +/-2		
B-Cell core properties				
Density	[kg/mc]	60		
Compression resistance	[MPa]	1.00		
Fire resistance		AFNOR NF F 16.101:1988 M2		
Aluminum supports properties				
Density	[Kg/mc]	2700		
Thickness	[mm]	1		
Finish		Primer / Pre-painted white		
General properties				
Type of bonding		Poliuretanic glue		
Paper filler application		✓		
Suitable for edging		✓		
Suitable for folding processing				
Suitable for painting		✓		
Suitable for ceramic/marble application		✓		
Suitable for lamianted aplication		✓		
Suitable for veneered application		✓		
Suitable for inserting screws		✓		
Suitable for inserting wooden blocks		✓		
Cutting with wooden tools		✓		
Water cutting		✓		

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