

OTHER BALEX PRODUCTS

CLADDING COFFER



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WALL PANELS



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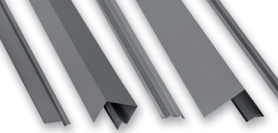
ZENIT GUTTERING SYSTEMS



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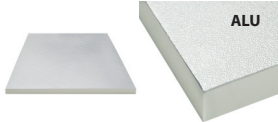
UNIVERSAL FLASHINGS
FOR SANDWICH PANELS



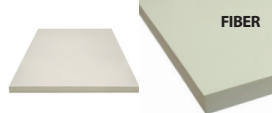
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THERMAL INSULATION
AGRICULTURAL BUILDINGS



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COLD-FORMED SHAPES



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STRUCTURAL BOX PROFILE SHEETS



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CLADDING PROFILING

M = MICRO-PROFILE



L = LINED



R = GROOVED



G = PLAIN*



S = SOFTLINE



1L = CLEARLINE*



2L = DOUBLE CLEARLINE*



T = TRAPEZOIDAL



*Thickness 0.5 mm in the G/1L/2L profile requires the Customer to sign a statement in accepting the possibility of a visible deviation from flatness, which is within the permissible tolerance of 0.6mm/200mm in accordance to the EN:14509 standard

COATING CORROSIVE RESISTANCE CATEGORIES

COATING	SP Polyester Gloss 15 µm (SP15)	SP Polyester Gloss 25 µm (SP25)	SP Polyester Mat 35 µm (SP35)	Cesar 55 Semi-matte (Cesar 55)	PVC(F) Foodsafe	INOX
Metal coating	min Z225 or equivalent (alloy coatings)					
Category of corrosion resistance (outer) RC	-	up to RC3	up to RC4	up to RC5*	-	up to RC5* **
Category of corrosion resistance (inner) AC	up to CPI2	up to AC3	up to AC4*	up to AC5*	up to CPI5*	up to AC5*

(*) confirmation of the RC/AC corrosion resistance category only by the steel supplier after analyzing the environmental questionnaire (via the Quality Department)
(**) transport, assembly, cleaning, maintenance in accordance with Balex Metal recommendations

BALEXMETAL
WE BUILD TOGETHER

PRODUCTS FOR INDUSTRIAL AND AGRICULTURAL BUILDINGS

- ROOF SANDWICH PANELS
- WALL SANDWICH PANELS
- AGRO THERMAL INSULATION
- COLD-FORMED SHAPES
- DEDICATED FLASHINGS
- ZENIT GUTTERING
- CASSETTES AND WALL PANELS

EXPORT SALES REPRESENTATIVES - INDUSTRIAL AND AGRICULTURAL BUILDINGS

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- vilnius@balex.eu

Lithuania,
- riga@balex.lv
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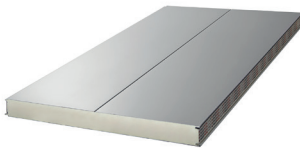
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WALL SANDWICH PANELS

PIR STANDARD
LENGTH 2000-18000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Acoustic insulation
				Horizontal layout			Vertical layout				
[mm]	[kg/m²]	W/m²K		4m	6m	7,5m	4m	6m	7,5m		[dB]
40	10,3	0,59	B-s1,d0	-			-			YES	Rw≥25 RA1≥23 RA2≥21
50	10,6	0,45									
60	11,1	0,36									
80	11,8	0,27									
100	12,6	0,22		up to EW 20	up to EW 30	up to EW 20					
110	12,9	0,20		up to EI 15			up to EW 30				
120	13,2	0,19									
130	13,5	0,17		up to EI 15 / up to EW 30							
Effective width 1000/1100 mm			Thickness [mm]		Profiling		Coating				
Outer cladding			0,50; 0,60; 0,70		M, L, 1L, 2L, G		SP 25; SP 35; Cesar 55; Foodsafe, INOX(M,L)				
Inner cladding			0,40; 0,50; 0,60; 0,70		L, G		SP 15; SP 25; SP 35; Cesar 55; Foodsafe; INOX(L)				

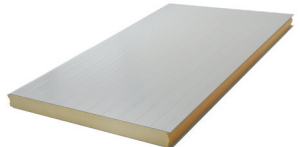
PIR FROST
LENGTH 2000-18000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Acoustic insulation	
				Horizontal layout			Układ pionowy					
[mm]	[kg/m²]	W/m²K		4m	6m	7,5m	3m	6m	7,5m		[dB]	
110			B-s1, d0*	-			-			YES	Rw≥25 RA1≥23 RA2≥21	
120	13,4	0,18		up to EI 15 / up to EW 20			up to EI 30 / up to EW 60	up to EW 45	up to EI 15 / up to EW 30			
160	15,0	0,14		up to EIW 45		up to EIW 30		up to EW 60	up to EI 30 / up to EW 45			
180	15,8	0,12		up to EIW 45		up to EIW 30		up to EI 45 / up to EW 60	up to EI 30 / up to EW 45			
200	16,8	0,11		up to EIW 60		up to EIW 45		up to EI 60	up to EW 60 / up to EIW 45			
Effective width 1000/1100 mm				Thickness (mm)		Profiling		Coating				
Outer cladding				0,50; 0,60; 0,70		M, L, 1L, 2L, G		SP 25; SP 35; Cesar 55; Foodsafe, INOX(M,L)				
Inner cladding				0,40; 0,50; 0,60; 0,70		L, G		SP 15; SP 25; SP 35; Cesar 55; Foodsafe; INOX(L)				

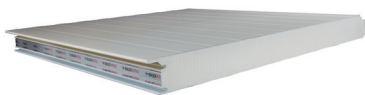
*Panel with gasket EPDM: B-s2,d0

PIR LIGHT
LENGTH 2500-18000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Acoustic insulation
				Horizontal layout			Vertical layout				
				4m	6m	7,5m	4m	6m	7,5m		
[mm]	[kg/m²]	W/m²K									[dB]
50	8,3	0,48	B-s2,d0	-			-			YES	-
60	8,7	0,37									
80	9,5	0,28									
100	10,2	0,22									
Effective width 1150 mm			Thickness [mm]		Profiling		Coating				
Outer cladding			0,40		L		SP 15; SP 25				
Inner cladding			0,40		L		SP 15; SP 25				

PIR PLUS
LENGTH 2000-18000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Acoustic insulation
				Horizontal layout			Vertical layout				
				4m	6m	7,5m	4m	6m	7,5m		
[mm]	[kg/m²]	W/m²K									[dB]
60	11,4	0,39	B-s2,d0	-			-			YES	Rw≥25 RA1≥23 RA2≥21
80	12,1	0,28									
100	12,9	0,22									
120	13,8	0,19									
Effective width 1000 mm			Thickness [mm]		Profiling		Coating				
Outer cladding			0,50; 0,60; 0,70		M, L, S, 1L, 2L, G		SP 25; SP 35; Cesar 55; Foodsafe				
Inner cladding			0,40; 0,50; 0,60; 0,70		L, G		SP 15; SP 25; SP 35; Cesar 55; Foodsafe; INOX(L)				
Effective width 1050 mm			Thickness [mm]		Profiling		Coating				
Outer cladding			0,50; 0,60; 0,70		M, L, R, S, 1L, 2L, G		SP 25; SP 35; Cesar 55; Foodsafe				
Inner cladding			0,40; 0,50; 0,60; 0,70		L, G		SP 15; SP 25; SP 35; Cesar 55; Foodsafe; INOX(L)				

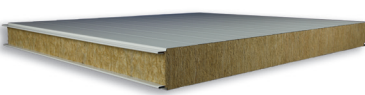
PIR SLATE
LENGTH 3000-10000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Broof	Acoustic insulation
				Horizontal layout			Vertical layout					
				4m	6m	7,5m	4m	6m	7,5m			
[mm]	[kg/m²]	W/m²·K										[dB]
60	10,0	0,39	B-s1,d0	-			-			YES	-	-
120	14,0	0,18	B-s2,d0									
Effective width 1000 mm			Thickness [mm]		Profiling		Coating					
Outer cladding			0,45 (gr. 60); 0,50 (gr. 120)		Slate		SP 40					
Inner cladding			0,40 (gr. 60); 0,50 (gr. 120)		L		SP 15					

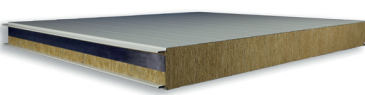
Can be also used as a **ROOF PANELS**

MW STANDARD
LENGTH 2500-15000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Acoustic insulation	
				Horizontal layout			Vertical layout					
[mm]	[kg/m²]	W/m²K		3m	6m	7,5m	3m	6m	7,5m		[dB]	
80	17,6	0,49	A2-s1,d0	-			-			YES	Rw≥32 RA1≥29 RA2≥28	
100	19,8	0,40		up to EI 45	up to EI 30		up to EI 90		up to EI 60			
120	22,0	0,34		up to EI 60		up to EI 45		up to EI 60				up to EI 45
150	25,3	0,28		up to EI 90		up to EI 60		up to EI 90	up to EI 60			
175	28,1	0,24		up to EI 120		up to EI 90		up to EI 120	up to EI 90			
200	30,8	0,20		up to EI 180	up to EI 120		up to EI 180	up to EI 120				
240	35,2	0,17		up to EI 240	up to EI 180		up to EI 240	up to EI 180				
Effective width 1000/1100 mm				Thickness [mm]	Profiling			Coating				
Outer cladding			0,50; 0,60; 0,70		M, L, 1L, 2L, G			SP 25; SP 35; Cesar 55; Foodsafe, INOX(M,L)				
Inner cladding			0,50; 0,60; 0,70		L, G			SP 25; SP 35; Cesar 55; Foodsafe; INOX(L)				

MW FIRE
LENGTH 2500-15000 mm



Thickness	Mass	Thermal insulation	Reaction to fire class	Fire resistance class						NSF	Acoustic insulation
				Horizontal layout			Vertical layout				
				4m	6m	7,5m	4m	6m	7,5m		
[mm]	[kg/m²]	W/m²·K									[dB]
100	19,8	0,40	A2-s1,d0	up to EI 90			up to EI 60			YES	Rw≥32 RA1≥29 RA2≥28
120	22,0	0,34		up to EI 120			up to EI 90				
150	25,3	0,28		up to EI 180			up to EI 120				
175	28,1	0,24					-				
200	30,8	0,20									
240	35,2	0,17		up to EI 240		up to EI 180					
Effective width 1000/1100 mm			Thickness [mm]		Profiling		Coating				
Outer cladding			0,50; 0,60; 0,70		M, L, 1L, 2L, G		SP 25; SP 35; Cesar 55; Foodsafe				
Inner cladding			0,50; 0,60; 0,70		L, G		SP 25; SP 35; Cesar 55; Foodsafe				