



DECLARATION OF PERFORMANCE

NO. 42/8/14782 BPO, BTS, BTD, BTO, BTU, BTR

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| 1 Unique product type identification code | Self-supporting trapezoidal steel sheets with or without anti-condensation membranes
BPO2, BTD10, BTS10, BTO18, BTR18, BTD18, BTS18, BTU20, BTD35, BTS35, BTD45, BTD50, BTD55, BTD60 |
| 2 Intended applications | Components of roofing, external and internal lining |
| 3 Manufacturer | BALEX METAL sp. z o.o.
Wejherowska 12C, 84-239 Bolszewo

Bolszewo manufacturing plant:
Wejherowska 12C, 84-239 Bolszewo

Tomaszów manufacturing plant:
Spalska 145/155, 97-200 Tomaszów Mazowiecki

Długoleka manufacturing plant:
Wrocławska 42, 55-095 Mirków, Długoleka |
| 4 Authorized representative | N/A |
| 5 System for assessment and verification of functional properties stability | System 3 i 4 |
| 6 Harmonised standard | PN-EN 14782:2008 Self-supporting metal sheet for roofing, external cladding and internal lining.

Notified Body: Building Research Institute (no. 1488) |
| 7 Declared functional properties | The declared performance characteristics are presented in the table below |



Declared Characteristics	Product		Reference standard
	BPO2, , BTD10 , BTS10, BTO18, BTR18, BTD18, BTS18, BTU20, BTD35, BTS35, BTD45, BTD50, BTD55, BTD60		
Intended applications	Components of roofing, external and internal lining		PN-EN 14782
Harmonised standard	PN-EN 14782:2008 Self-supporting metal sheet for roofing external cladding and internal lining		-
Year of CE marking	08		-
Material	Steel grade	S250GD; S280GD	PN-EN 508-1
	Thickness	0,5mm; 0,6mm; 0,7mm	PN-EN 14782
	Metallic coating	Z100; Z185; Z200; Z225; Z275; ZM140; AZ150; AZ185; ZA130; ZA255	PN-EN 10346
	Organic coating	SP15, SP25, SP35, PUR50, PUR55, PVD(F), PVC(P), PVC(F), HDP, HPS200	PN-EN 10169
Resistance under concentrated force (for sheet thickness 0,5 mm)	Profile height [mm]	Span at concentrated force load of 1,2kN [mm]	PN-EN 14782
	18	800	
	35	1500	
	45	2000	
	55	2500	
	60	4500	
Water tightness	No perforations – watertight		PN-EN 14782
Dimensional changes	Steel: $12 \cdot 10^{-6} K^{-1}$		
Release of hazardous substances	NPD		
External fire roof performance	Broof(t1,t2,t3) – CWFT option		
Reaction to fire	Polyester coating: A1 PUR coating: A1 (metallised A2)\ PVC coating – C-s3,d0 (CWFT option)		
Durability	Sheets with metallic coating: ZA255, AZ185 corrosion resistance RC1, RC2, RC3 Z275, AZ150 odporność na korozję RC1, RC2 Sheets with metallic and organic coating: Galvanised sheets min. Z200 with coating: SP25, SP35; PVD(F), PVC(P), PVC(F), HDP corrosion resistance: RC1, RC2, RC3 Galvanised sheets min. Z100 with organic coating: SP15, SP25 corrosion resistance: RC1, RC2 Galvanised sheets Z275 with PUR coating: corrosion resistance: RC1, RC2, RC3, RC4, RC5		

Performance characteristics of the above product comply with the set of declared performance characteristics. This declaration of performance characteristics is issued in accordance to the Regulation (EU) no. 305/2011 at the sole responsibility of the manufacturer listed above.