



DECLARATION OF PERFORMANCE NO. 42/7/14782/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.
Ul. Wejherowska 12C 84-239 Bolszewo

Bolszewo manufacturing plant
Ul. Wejherowska 12C 84-239 Bolszewo

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

Długoleka manufacturing plant:
Długoleka, 55-095 Mirków, ul. Wrocławska 42 |
| 4 Authorized representative | N/A |
| 5 System for assessment and verification of functional properties stability | Systems 3 and 4 |
| 6 Harmonised norm | 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		
Harmonised norm	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, PUR50, PUR55, PVD(F), PVC(P), PVC(F), HDP	PN-EN 10169
Resistance under concentrated force	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		
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 – Cs3d0 (CWFT option)		
Durability	Sheets with metallic coating: ZA255, AZ185 corrosion resistance RC1, RC2, RC3 Z275, AZ150 corrosion resistance RC1, RC2, RC3 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 Z275 galvanised sheets with PUR coating: 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.

Signed in the name of the manufacturer by:
Elżbieta Mehring
Quality manager

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Bolszewo, 01/12/2017