DECLARATION OF PERFORMANS
Nr EN TR – 1 – 23

1. Individual identification code for the product type: **Trapezoidal sheets T-7D, T-7E, T-14D, T14-E, T-18D, T-18D E, T-18D Eco, T-18E Eco, T-35D, T-35E, T-35D Eco, T-35E Eco, T-50D, T-50E, T -55D, T-55E, T-60D, T-60E, T-80D, T--80E, T-130D, T-130E, T135-930D, T135-930E, T135-950D, T135-950E, T-153D, T-153E, T-160D, T-160E.**

2. Batch number or type of a lot or any other element that enables identification of a construction product: **This declaration refers to products listed in point 1 manufactured products manufactured by BP2 sp. z o. o. (limited liability company). Each batch number is placed on the product container.**

3. Established by the manufacturer, intended application or applications of the construction product in accordance with the unified technical specification: **Steel troughed sheets specified in item 1. may be applied to roof coverings and roofs, as internal or external wall and ceiling finishings. The application should be in compliance with guidelines and recommendations of the manufacturer.**

4. Name registered, commercial name or registered trade mark including the manufacturer contact address:

Manufacturert:
BP2 sp. z o. o.
ul. Nadwiślańska 11/139
30-527 Kraków

5. The name and the contact address of authorised representative, where applicable: -

6. System or systems for assessment and revision of permanence of the construction product functional properties: **3 and 4.**

7. The product is covered by a harmonized standard: **EN 14782:2008.**

8. Declared functional properties:

Layers – Basic characteristics	**Layer thickness**	**Corrosion resistance category**	**UV resistance category**	**Fire resistance (EN 13501-1)**	**Impact of external fire**	**Steel grades that have been applied**
Ocynk – ZN (200-275 g/m²)	-	C2	-	A1 (excl. testings, item 5.2.1)	$B_{ROOF(t1, t2, t3)}$ -option CWFT - EN 14782, p 5.1.2	DX51D+Z,+ZM (225-275 g/m², ZM 100-120 g/m²) S220, S250, S280, S320GD+Z,+ZM,+ZA (225-275g/m², ZM 100-120 g/m², ZA 200-225 g/m²).
Aluzinc – AZ (150-185 g/m²)	-	C3	-			
Poliester Int - INT	15 µm	C2	-	A1		
Poliester str. - RAL	25 µm	C3	RUV2	A1		
Poliester light - RPL	25 µm	C2	RUV2	A1		
Mat 35 Std. - TK	35 µm	C3	RUV3	A1		
Ultimat - UTK	35 µm	C4	RUV4	A1		
IC Cover - Icep	35 µm	C3	RUV4	A1		
Herculit - HC	35 µm	C4	RUV4	A1		
HDX	55 µm	C5	RUV4	A1 (metalic colors A2)		
PRISMA – PRI	50 µm	C5	RUV4	A1		
PUR – PA	55 µm	C5	RUV4	A1		
HDS-HDP	35 µm	C4	RUV4	A1		
PVDF35	35 µm	C4	RUV4	A1		
PVDF25	25 µm	C3	RUV4	A1		

Basic characteristics	**Functional properties**	**Unified technical specification**
Waterproofnes:	The product that does not contain perforation (damages) is waterproof.	EN 14782:2008
Size alterations: In case the alteration of sizes may have an impact on the product properties, such alteration related to thermal expansion as per linear expansion factor shall be considered:	Thermal expansion factor: steel 12 x 10^{-6} K^{-1} zinc 22 x 10^{-6} K^{-1}	
Dimensional tolerance:	EN 508-1:2022	
Metallic coating thicknesses used:	RAL, TK, HC, ICep, HDX, PUR - PA, HDS - HDP, PVDF34, PVDF25, PRI – ZN 225-275 g/m², ZM100-120 g/m², ZA 200-255 g/m², RPL– ZN 225 g/m², INT - ZN 100 g/m²	

Basic characteristics	Functional properties	Unified technical specification
Resistance to concentrated forces	1,2 kN for the following span:	
T-7D, T-7E	For products used for span of supports ≤ 400 mm considered as satisfying EN 14782, p 4.3.2	
T-14D, T-14E		
T-18E, T-18E Eco		
T-18D	L= 800 mm	EN 14782:2008
T-18D Eco	L= 700 mm	
T-35D	L=1200 mm	
T-35E	L=1600 mm	
T-35D Eco	L= 600 mm	
T-35E Eco	L=1600 mm	
T-50D	L=1800 mm	
T-50E	L=3000 mm	
T-55D	L=1600 mm	
T-55E	L=2500 mm	

Basic characteristics	Functional properties	Unified technical specification
Resistance to concentrated forces	1,2 Kn for he following span:	
T-60D	-	
T-60E	-	
T-80D	-	
T-80E		
T-130D	-	EN 14782:2008
T-130E	-	
T-135-930D	L=8500 mm	
T-135-930E	L=8500 mm	
T-135-950D	L=8500 mm	
T-135-950E	L=8500 mm	
T-153D	L=8800 mm	
T-153E	L=8800 mm	
T-160D	L=8800 mm	
T-160E	L=8800 mm	

Profile thickness range:

T-7D, T-7E, T-14D, T14-E, T-35D, T-35E, T-35D Eco, T-35E Eco	0,4 – 1,00 mm
T-18D, T-18E, T-18D Eco, T-18E Eco	0,4 – 0,75 mm
T-50D, T-50E, T -55D, T-55E	0,5 – 1,00 mm
T-60D, T-60E, T-80D, T-80E	0,6 – 1,25 mm
T-130D, T-130E, T-135-930D, T-135-930E, T-135-950D, T-135-950E, T-153D, T-153E, T-160D, T-160E	0,7 – 1,50 mm

9. Functional properties of the product, determied in items 1 and 2 are in compliance with functional properties that have been declared in item 8.

This declaration of functional properties is issued for sole liability of the manufacturer that has been specified in item 4.

Kraków 23.03.2023.
(place and date)

Sławomir Urban
Główny Specjalista ds. [illegible] i Rozwoju
R&D Manager
(signature)

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