


**DECLARATION OF PERFORMANS
Nr EN SIN – 1 – 24**

- Individual identification code for the product type: **Corrugated steel sheet SINUS.**
- 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.**
- 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.**
- Name registered, commercial name or registered trade mark including the manufacturer contact address:

Manufacturert: BP2 sp. z o. o. ul. Marii Konopnickiej 29 30-302 Kraków	
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- The name and the contact address of authorised representative, where applicable: -
- System or systems for assessment and revision of permanence of the construction product functional properties: **3 and 4.**
- The product is covered by a harmonized standard: **EN 14782:2008.**
- 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
O cynk – ZN (200-275 g/m ²)	-	C2	-	A1 (excl. testings, item 5.2.1)	B _{ROOF(t1, t2, t3)} -option CWF - EN 14782, p 5.1.2	DX51D+Z,+ZM (225-275 g/m ² , ZM 100-120 g/m ²) S220, S250, S280, S320GD+Z,+ZM,+ZA (225-275 g/m ² , ZM 100-120 g/m ² , ZA 200-225 g/m ²)
Aluzinc – AZ (150-185 g/m ²)	-	C3	-			
Poliester Int - INT	15 µm	C2	-	A1		
Poliester str. - RAL	25 µm	C3	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		

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 $12 \times 10^{-6} \text{ K}^{-1}$ zinc $22 \times 10^{-6} \text{ K}^{-1}$	
Dimensional tolerance:	EN 508-1:2022	
Metallic coating thicknesses used:	RAL, TK, HC, ICep, – ZN 225-275 g/m ² , ZM100-120 g/m ² , ZA 200-255 g/m ² , INT - ZN 100 g/m ²	

Material thickness range: 0,5 ÷ 1,0 [mm].

- Functional properties of the product, determined 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 09.04.2024
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(place and date)


Slawomir Urban
 Head of R&D and Quality Group
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