

DECLARATION OF PERFORMANCE

Nr 2/2023

1. Trade name of the construction product:

Profiled sheet metal HANBUD

2. Construction product type designation:

Types of manufactured sheet metal:

- Flat sheet
- Trapezoidal sheet T3
- Trapezoidal sheet T7
- Trapezoidal sheet T8
- Trapezoidal sheet T14R
- Trapezoidal sheet T14R Classic
- Trapezoidal sheet T18N
- Trapezoidal sheet T18E
- Trapezoidal sheet T18 EKO
- Trapezoidal sheet T35
- Trapezoidal sheet T35R
- Trapezoidal sheet T55
- Metal roofing tile Argilla
- Metal roofing tile Malta
- Metal roofing tile Moderno
- Metal roofing tile E-modular
- Metal roofing tile Retto
- Metal roofing tile Vena Modular
- Metal roofing tile Vena 3D
- Standing seam roof panels PH
- Standing seam roof panels PHR

3. Intended use:

Self-supporting interior and exterior wall and ceiling covering and roofing.

4. Name and registered address of the manufacturer and place of manufacture:

HANBUD Sp. z o.o.

ul. Brańska 153, 17-100 Bielsk Podlaski

Phone. **+48 85 730 94 08**

Mobile: **+48 607 357 735**

5. System for assessment and verification of constancy of performance:

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6a. Harmonised standard:

EN 14782:2008 „Self-supporting sheet metal for roofing, exterior and interior cladding. Product characteristics and requirements”

Notified body or bodies:

Instytut Techniki Budowlanej [Building Research Institute] – notified body No. 1488

8. Declared performance:

<i>Essential characteristics of the construction product for the intended use</i>	Declared performance
<i>Common characteristics:</i>	
Watertightness	fulfills
Change of dimensions	$12 \times 10^{-6} K^{-1}$
Release of hazardous substances	Is not subject to
Reaction to fire	see table no.1
Durability	
Thickness	0,4 – 3,0 mm

<i>Essential characteristics of the construction product for the intended use</i>	Declared performance
Metal grade	DX51
Type of protective coating	see table no.1
<i>Specific roofing characteristics</i>	
Mechanical strength for a span of less than or equal to 400 mm	fulfills
Mechanical strength for a span of more than 400 mm	see table no.1
External fire performance	see table no.1

Table no.1

Reaction to fire	Coatings: DX51 + Z, DX51 + AZ, DX51 + SP25		Coatings DX51 + SP35, DX51+ SP45, DX51+SP55, DX51 + SP80			
	A1		A2			
External fire performance of the roof	Roofing profile			Facade profile		
	BROOF (t1)			not applicable		
Resistance to point forces	Roofing profile					
	Sheet thickness [mm]	Span [mm]				
		T7	T18N	T18 E	T35	T55
	0,4	NPD	620	700	1 100	3 550
	0,45		700	800	1 250	4 000
	0,5		780	890	1 390	4 440
	0,6		940	1 050	1 660	5 330
	0,7		1 090	1 250	1 940	6 220
	0,75		1 170	1 330	2 080	6 660
	0,8		-	-	2 200	7 110
	0,9		-	-	2 500	8 000
	1		-	-	2 780	8 800
	1,25		-	-	-	11 000
	Facade profile (for all types of sheets) – is not subject to					
Resistance to point forces	Roofing profile					
	Sheet thickness [mm]	Span [mm]				
		T35R 830/860 mm	T35R 1110/1143 mm	T35R 1330/1370 mm		
	0,47	1 620	2 240	1 730		
	0,48	1 690	2 340	1 800		
	0,5	1 760	2 440	1 880		
	0,52	1 990	2 750	2 110		
	0,55	2 220	3 070	2 360		
	0,57	2 390	3 300	2 540		
	0,6	2 650	3 660	2 810		
	0,63	2 920	4 030	3 100		
	0,65	3 110	4 290	3 300		
	0,67	3 300	4 560	3 510		
	0,7	3 600	4 980	3 830		
	0,75	4 130	5 710	4 390		
	0,8	2 680	3 730	2 680		
	0,85	3 030	4 210	3 030		
	0,9	3 400	4 720	3 400		
1	4 190	5 830	4 190			
1,2	6 040	8 390	6 040			

Essential characteristics	Performance properties						
material	DX51 + Z; DX51 + AZ; DX51 + SP25; DX51 + SP55; DX51 + SP80						
Resistance to point forces	Roof profile						
	Sheet thickness [mm]	Span [mm]					
		T14 R 790/835 mm	T14 R 905/945 mm	T14 R 1015/1060 mm	T14 R 1130/1170 mm	T14 R 1240/1285 mm	T14 R 1355/1400 mm
	0,4	900	960	940	1 000	1 000	1 110
	0,41	660	700	680	740	750	810
	0,42	690	740	720	780	790	850
	0,43	720	770	750	820	830	890
	0,44	760	810	790	850	870	930
	0,45	790	840	820	890	910	970
	0,46	830	880	860	930	950	1 020
	0,47	860	920	900	970	990	1 060
	0,48	900	960	940	1 020	990	1 110
	0,49	940	1 000	980	1 060	990	1 150
	0,52	1 060	1 130	1 100	1 190	1 210	1 300
	0,53	1 100	1 170	1 140	1 240	1 260	1 350
	0,55	1 180	1 260	1 230	1 330	1 360	1 460
	0,57	1 270	1 350	1 320	1 430	1 460	1 560
	0,58	1 310	1 400	1 370	1 480	1 510	1 620
	0,60	1 410	1 500	1 460	1 590	1 610	1 730
	0,63	1 550	1 650	1 610	1 750	1 780	1 910
0,65	1 650	1 760	1 720	1 860	1 890	2 030	
0,67	1 750	1 870	1 830	1 980	2 010	2 160	
0,70	1 910	2 040	1 990	2 160	2 200	2 360	
0,72	2 030	2 160	2 110	2 290	2 330	2 490	
0,73	2 080	2 220	2 170	2 350	2 390	2 560	
0,75	2 200	2 340	2 290	2 480	2 520	2 710	
[T14R 455/495 mm, T14R 565/600 mm, T14R 680/720 mm, T14R 1470/1510 mm] - NPD.							

Website where this declaration of performance has been made available

www.hanbud.com

The performance of the product specified above is in accordance with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer specified above.

Signed on behalf of the manufacturer:

Bielsk Podlaski, dnia 01.02.2023r.

(place and date)

HANBUD sp. z o.o.
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