

DECLARATION OF PERFORMANCE

REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (ANNEX III)

1. Name of the product-type:
Metal Sheet metal faced, PUR cored insulating panel for use in buildings
2. Unique identification code of the product-type:
Metál-Sheet PUR roof panel 40/60/80/100/120/150
Depending on the thickness of the facing, the following types are distinguished (I=internal facing; E=external facing):
I 0.4 mm – E 0.4 mm; I 0.4 mm – E 0.5 mm; I 0.5 mm – E 0.5 mm; I 0.5 mm – E 0.6 mm; I 0.6 mm – E 0.6 mm
3. Intended use/es:
Self-supporting, metal faced roof or ceiling panel
4. Manufacturer:
METÁL-SHEET LTD.
H-4002 Debrecen, Csereerdő utca 10.
5. System/s of AVCP:
System 4
6. Harmonised standard: In the case of a manufacturer's declaration for construction products governed by harmonised standards:
METÁL-SHEET LTD. H-4002 Debrecen, Csereerdő utca 10., who carried out the following in system 4:
- the definition of the product type,
- the continuous supervision, inspection and evaluation of the factory production control

BASIC PROPERTIES	PUR TPN 40	PUR TPN 60	PUR TPN 80	PUR TPN 100	PUR TPN 120	PUR TPN 150
Thermal transmittance (W/m^2K)	0.493	0.332	0.255	0.206	0.173	0.140
Thermal conductivity (W/mK)	0.021	0.021	0.021	0.021	0.021	0.021
Facing strength class	S220 GD	S220 GD	S220 GD	S220 GD	S220 GD	S220 GD
Tensile strenght (MPa)	0.060	0.060	0.060	0.050	0.050	0.050
Shear strenght (MPa)	0.10	0.09	0.10	0.10	0.12	0.09
Reduced long term shear strenght (kPa)	NPD	NPD	NPD	NPD	NPD	NPD
Shear modulus (core) (MPa)	3.28	3.28	3.28	3.28	2.9	2.9
Compressive strenght (core) (MPa)	0.09	0.09	0.11	0.09	0.09	0.09
Creep coefficient	NPD	NPD	NPD	NPD	NPD	NPD
Bending resistance in the span						
positive bending (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
positive bending, elevated temperature (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
negative bending (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
negative bending, elevated temperature (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
Bending resistance at an internal support						
positive bending (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
positive bending, elevated temperature (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
negative bending (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
negative bending, elevated temperature (kNm/m)	NPD	NPD	NPD	NPD	NPD	NPD
Wrinkling strength (external face)						
in span (N/mm^2)	NPD	NPD	NPD	NPD	NPD	NPD
in span, elevated temperature (N/mm^2)	NPD	NPD	NPD	NPD	NPD	NPD
at internal support (N/mm^2)	NPD	NPD	NPD	NPD	NPD	NPD
at internal support, elevated temperature (N/mm^2)	NPD	NPD	NPD	NPD	NPD	NPD
Wrinkling strength (internal face)						
in span (N/mm^2)	NPD	NPD	NPD	NPD	NPD	NPD
in span, elevated temperature (N/mm^2)	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	NPD	NPD	NPD	NPD	NPD	NPD
Fire resistance	NPD	NPD	NPD	NPD	NPD	NPD
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Water permeability	NPD	NPD	NPD	NPD	NPD	NPD
Air permeability	NPD	NPD	NPD	NPD	NPD	NPD
Water vapour permeability	NPD	NPD	NPD	NPD	NPD	NPD
Airborne sound insulation	NPD	NPD	NPD	NPD	NPD	NPD
Durability	NPD	NPD	NPD	NPD	NPD	NPD

8. The performance of the product specified in points 1 and 2 corresponds to the declaration performance indicated in point 7.
Only the manufacturer specified in point 4 shall be responsible for issuing this performance declaration.

Debrecen, 2024.04.24. v.2.

Approved by:

(on behalf of the manufacturer)

METÁL-SHEET KFT.

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