DECLARATION OF PERFORMANCE
No 2S-H5K0-008
According to regulation No 305/2011

Unique identification code of the product-type:	**Self - supporting double skin metal faced insulating panels (sandwich panels) TENAX with MW core**
Product name:	**TENAX W80 MW H2** **TENAX W100 MW H2** **TENAX W120 MW H2** **TENAX W150 MW H2** **TENAX W175 MW H2** **TENAX W200 MW H2** **TENAX W240 MW H2**
Intended use:	**for internal and external walls, wall claddings and ceilings in the buildings**
Manufacturer:	**TENAX PANEL, SIA,** Spodrības 1, Dobele¸ Latvia, LV- 3701
System/s of AVCP:	Scheme 1 (Reaction to fire) Scheme 3 (Fire resistance) Scheme 4
Harmonised standard:	EN 14509:2013
Notified body/ies:	No 1325 - AS Inspecta Latvia, Skanstes Str. 54A, LV-1013, Riga, Latvia No 1396 – FIRES s.r.o., Osloboditelov 282, 059 35, Batizovice, Slovakia No 1796 - Priesgaisrines apsaugos ir gelbejimo departamento prie vidaus reikalu ministerijos gaisriniu tyrimu centras, Svitrigailos str. 18, LT-03223 Vilnius, Lithuania

The performance of the product identified above is in conformity with the set of declared performance/s (see attachment No 1).
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
TENAX PANEL, SIA Project Manager

.....

Baiba Cimermane
25.02.2026.

TENAX GRUPA, TENAX PANEL SIA
Spodrības iela 1, Dobele,
LV3701, Latvija
Reģ. Nr. LV40203186964

Tenaxpanel@tenaxgrupa.lv
T: +371 63720957
M: +371 27777752
www. tenaxpanel.com

Attachment No 1 to Declaration of Performance No 2S-H5K0-008

Sandwich panels TENAX W80 MW H2, TENAX W100 MW H2, TENAX W120 MW H2, TENAX W150 MW H2, TENAX W175 MW H2, TENAX W200 MW H2, TENAX W240 MW H2

Year when CE mark was affixed	17						
Essential characteristics	**Performance**						
Metal facings							
Thickness, mm	0,5; 0,6; 0,7						
Steel name	S280GD; S320GD						
Organic coating type and thickness	SP25; PVDF35						
Core material							
MW density, kg/m^3	110						
Thermal conductivity, W/m·K	0,042						
Panel							
Thickness, mm							
- declared	80	100	120	150	175	200	240
- nominal	80	100	120	150	175	203	240
Panel weight, kg/m^2 (metal thickness 0,5/0,5 mm)	18,3	20,5	22,7	26,0	28,7	31,8	35,9
Shear modules of the core material, MPa	4,0	3,7	3,7	3,7	3,7	3,7	3,7
Shear strength of the panel, MPa	0,045	0,045	0,045	0,045	0,045	0,045	0,045
Long term shear strength, MPa	0,020	0,020	0,020	0,020	0,020	0,020	0,020
Creep coefficient							
- t = 2 000 h	0,3	0,3	0,3	0,3	0,3	0,3	0,3
- t = 100 000 h	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Compressive strength of the core material, MPa	0,08	0,08	0,08	0,08	0,08	0,08	0,08
Cross-panel tensile strength, MPa	0,12	0,10	0,10	0,10	0,10	0,09	0,09
Wrinkling stress for inner face							
- in span	105	100	100	95	90	90	85
- for loads pressing at an internal support	80	80	80	80	80	80	80
Wrinkling stress for outer face, MPa							
- in span	105	100	100	95	90	90	85
- in span at elevated temperature	105	100	100	95	90	90	85
- at an internal support	80	80	80	80	80	80	80
- at an internal support at elevated temperature	80	80	80	80	80	80	80
Thermal transmittance, W/m^2·K	0,53	0,42	0,35	0,28	0,24	0,20	0,17
Durability	Pass – all colours	Pass – all colours	Pass – all colours	Pass – all colours	Pass – all colours	Pass – all colours	Pass – all colours
Resistance to point loads	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to access loads, kPa	Not pass	Not pass	Not pass	Not pass	Not pass	Not pass	Not pass
Reaction to fire	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0
Fire resistance for walls							
- horizontal installation	NPD	NPD	NPD	NPD	NPD	NPD	NPD
- vertical installation (façade/partition)	NPD	EI30/EI30	EI30/EI30	EI120/EI60	EI120/EI60	EI120/EI60	EI120/EI60
Fire resistance for ceilings	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Water permeability	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Air permeability	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Airborne sound insulation	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Sound absorption	NPD	NPD	31 (-2;-4)	31 (-2;-4)	31 (-2;-4)	31 (-2;-4)	31 (-2;-4)

TENAX GRUPA, TENAX PANEL SIA
Spodrības iela 1, Dobele,
LV3701, Latvija
Reģ. Nr. LV40203186964

Tenaxpanel@tenaxgrupa.lv
T: +371 63720957
M: +371 27777752
www. tenaxpanel.com