

Declaration Of Performance

No. PEK/DoP/01-2014

1. Unique identification code of the product-type: **STEEL PANEL RADIATOR**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

TYPE 10-P**Height:** 400mm, 500mm, 600mm, 900mm**Length:** 400mm, 500mm, 600mm, 2900mm, 3000 mm**TYPE 11-PK****Height:** 300mm, 400mm, 500mm, 600mm, 700mm, 900mm**Length:** 400mm, 500mm, 600mm, 2900mm, 3000 mm**TYPE 21-PKP****Height:** 300mm, 400mm, 500mm, 600mm, 700mm, 900mm**Length:** 400mm, 500mm, 600mm, 2900mm, 3000 mm**TYPE 22-PKKP****Height:** 300mm, 400mm, 500mm, 600mm, 700mm, 900mm**Length:** 400mm, 500mm, 600mm, 2900mm, 3000 mm**TYPE 33-PKKPKP****Height:** 300mm, 400mm, 500mm, 600mm, 700mm, 900mm**Length:** 400mm, 500mm, 600mm, 2900mm, 3000 mm

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Steel panel radiators are used to transfer heat from fluid in boiler, combi boiler, etc to ambient air. Heating is based on the principles of heat transfer that takes place with natural air flow. Heat transfer in the radiator panel, formed by radiation convection and conduction. Steel panel radiators are commonly used in solid and gaseous fuels heating systems.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

PEKSA PROFİL SAN. VE TİC. A.Ş.**Address:** Aydın Organize Sanayi Bölgesi Umurlu/Efeler/AYDIN - TURKEYwww.peksa.com.tr

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **NOT AVAILABLE**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **SYSTEM 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: **EN 442-1**

"HLK STUTTGART identification No. 0626 " and "POLITECNICO DI MILANO identification No. 1695 " as given in the DoP performed the tial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control.

<u>Product Type</u>	<u>Heigth (mm)</u>	<u>Test Lab.</u>	<u>Test Number</u>
TİP 10	400-500-600-900	HLK Stuttgart	B07 101.2132
TİP 11	300-400-500-600-700-900	Politecnico Di Milano	ENE/MRT.RES.14025
TİP 21	300-400-500-600-700-900	Politecnico Di Milano	ENE/MRT.RES.14026
TİP 22	300-400-500-600-700-900	Politecnico Di Milano	ENE/MRT.RES.14027
TİP 33	300-400-500-600-700-900	Politecnico Di Milano	ENE/MRT.RES.14032



8. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Leakage Test	13 Bar	EN 442-1
Strength Pressure Test	16.9 Bar	EN 442-1
Max. Working Pressure	10 Bar	EN 442-1
Max. Working Temperature	110 °C	
Humidity Test	100 hour	EN 442-1
Resistance to fire	A1	EN 442-1
Warranty	10 Years	

EN 442-2 Heat Output Test $\rightarrow Q = Km \times \Delta T^n$

TESTING LAB.	TYPE	Height (mm)	n	Km	Q (Watt)
HLK STUTTGART NB:0626	10	400	1,3438	5,527	441,9
HLK STUTTGART NB:0626	10	500	1,3469	2,7264	540
HLK STUTTGART NB:0626	10	600	1,3499	7,7782	637
HLK STUTTGART NB:0626	10	900	1,3302	12,183	923,7
POLITECNICO DI MILANO NB:1695	11	300	1,28882	2,98056	461,3
POLITECNICO DI MILANO NB:1695	11	400	1,28898	3,93652	609,6
POLITECNICO DI MILANO NB:1695	11	500	1,28913	4,838	749,7
POLITECNICO DI MILANO NB:1695	11	600	1,28929	5,68129	880,9
POLITECNICO DI MILANO NB:1695	11	700	1,29431	6,34335	1003
POLITECNICO DI MILANO NB:1695	11	900	1,30436	7,42081	1220,4
POLITECNICO DI MILANO NB:1695	21	300	1,28226	4,9662	749,1
POLITECNICO DI MILANO NB:1695	21	400	1,28946	6,16347	956,3
POLITECNICO DI MILANO NB:1695	21	500	1,29667	7,22151	1152,5
POLITECNICO DI MILANO NB:1695	21	600	1,30387	8,1586	1339,2
POLITECNICO DI MILANO NB:1695	21	700	1,31192	8,95869	1517,6
POLITECNICO DI MILANO NB:1695	21	900	1,32803	10,26675	1582,3
POLITECNICO DI MILANO NB:1695	22	300	1,29127	5,65467	883,6
POLITECNICO DI MILANO NB:1695	22	400	1,29973	7,15651	1155,9
POLITECNICO DI MILANO NB:1695	22	500	1,3082	8,48061	1415,8
POLITECNICO DI MILANO NB:1695	22	600	1,31666	9,64013	1663,6
POLITECNICO DI MILANO NB:1695	22	700	1,32106	10,81856	1899,4
POLITECNICO DI MILANO NB:1695	22	900	1,32987	12,85618	2336,3
POLITECNICO DI MILANO NB:1695	33	300	1,28703	7,80022	1198,8
POLITECNICO DI MILANO NB:1695	33	400	1,28753	10,00619	1540,8
POLITECNICO DI MILANO NB:1695	33	500	1,28802	12,09259	1865,6
POLITECNICO DI MILANO NB:1695	33	600	1,28852	14,07292	2175,4
POLITECNICO DI MILANO NB:1695	33	700	1,30168	15,18539	2471,4
POLITECNICO DI MILANO NB:1695	33	900	1,328	16,77384	3026

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Head of the Board, **NURAL PEKGÜZEL**

AYDIN / 28-05-15

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