



CONSTRUCTION PRODUCTS REGULATION
DECLARATION OF PERFORMANCE (Reg. No:305/2011/EU)
Issue Date: 01.08.2013 Document No: F-KGSF-029 Rev. No: 01 Rev Date:05.12.2013

Description:	Panel Radiators							
Model:	Type 22 (PKKP)							
Intended Use:	Radiators for use in heating systems in buildings							
Manufacturer:	ELBA Basınçlı Döküm AŞ. Manisa Organize Sanayi Bölgesi 50.Yıl Caddesi No:14 Manisa							
Trade Mark	VISION							
System of Assessmetn & Verification of Constancy of Performance:	System 3: All products in different ELBA production site, produced according to the same technical specifications use the same production methods and materials, fulfil the same requirement of quality							
Notified Bodies:	HEATEST, s.r.o. Notified body number: 2693 (Test Report No: 071 / 2015) Turkish Standards Instituion (TSE) Notified Body 1783							
Essential Characteristics		Performance					Harmonized technical specification	
Reaction to Fire		Class A1					EN 442-1 : 2014	
Release of dangerous substances		None						
Surface temperature		Maximum 120 °C						
Resistance to pressure		Leak Test : 1300 kPa Strength Pressure Test: 1690 kPa Declared Max. Working Pressure: 1000 kPa						
Resistance against corrosion:		No corrosion after 100 h humidity						
Resistance against minor impact:		Class 0					$\Phi = K_m \cdot \Delta T^n$	
Thermal Output Test		Thermal Output Characteristic Equations (L = length in metres)						
Heights	$\Delta T\ 50^{\circ}\ C$		$\Delta T\ 60^{\circ}\ C$		n	K _M		Φ
	Watt/m	Kcal/hm	Watt/m	Kcal/hm				
300	923	794	1177	1012	1,3301	5,07625		
400	1181	1016	1502	1292	1,3203	6,74569		
500	1425	1226	1810	1556	1,3106	8,4562		
600	1658	1426	2102	1807	1,3008	10,22205		
700	1881	1617	2385	2051	1,3033	11,48291		
800	2094	1801	2657	2285	1,3057	12,66758		
900	2299	1977	2919	2510	1,3082	13,77219		

Date: 4.6.2020

Signed for and on behalf of the manufacturer by;

ELBA BASINÇLI DÖKÜM SANAYİ A.Ş.