



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 Assessment & 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 Institution (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				
Thermal Output Test			Thermal Output Characteristic Equations (L = length in metres)				
Heights	ΔT 50° C		ΔT 60° C		n	K _M	Φ
	Watt/m	Kcal/hm	Watt/m	Kcal/hm			
300	923	794	1177	1012	1,3301	5,07625	Φ=K _m .ΔT ⁿ
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: 18.6.2019

Signed for and on behalf of the manufacturer by;

ELBA BASINCLI DOKUM SANAYI A.S.