



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 11 (PK)
Intended Use:	Radiators for use in heating systems in buildings
Manufacturer:	ELBA Basıncılı 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: 069 / 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	476	410	604	519	1,3009	2,93617	Φ=K _m .ΔT ⁿ
400	625	537	793	682	1,3066	3,76649	
500	767	659	974	837	1,3122	4,51985	
600	901	775	1146	986	1,3179	5,19753	
700	1029	885	1309	1126	1,3195	5,89863	
800	1151	990	1464	1259	1,3211	6,55262	
900	1265	1088	1610	1385	1,3227	7,16087	

Date: 4.6.2020

Signed for and on behalf of the manufacturer by;

ELBA BASINÇLI DÖKÜM SANAYİ A.Ş.