



## EU Declaration of Performance

*In accordance with the EU Construction Products Regulation 305-2011*

13-305-006-E2

### 1. Product Type

**1a. Equipment Type:** Radiator/Convactor

**1b. Product Range:** Ximax

**1c. Model Numbers:** SU1500550W, SU180047W, SU180047A, SU180055W, SU180055A, SU600119W, SU600119A, SU60087W, SU60087A, SU1500470W, SU1500470A

**2. Type, batch or serial number:** As per 1c.

**3. Intended Use:** Heat emitters for central heating systems to be supplied with hot water and steam below 120°C from a remote source (boiler or similar)

**4. Manufacturer:** Manufactured by ETS, Gewerbestrasse 9a, A-6973 Höchst

*5. Authorised Representative: N/A*

**6. System of assessment and verification of constancy of performance:**

System 3

**7. Harmonised Standards applied in order to demonstrate compliance with the above Regulation:**

EN 442-1:1996+A1:2003

7.1 Notified Body: Wärmetechnische Prüfgesellschaft mbH (1698)

7.1.1 Performed: Determination of the product-type on the basis of type testing

7.1.2 System: System 3

7.1.3 Issued: Notified Body Test Report, Certificate of conformity of the factory production control

*8. European Technical Assessment: N/A*

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## 9. Declared Performance:

Essential Characteristics	Performance		Harmonised Technical Specification
Reaction to fire	Class A1		EN 442-1, 5.1.7
Release of dangerous substances	Conforms		EN 442-1, Clause 4 and ZA.1
Pressure tightness	Leak Test Pass Burst test to 10 bar		EN 442-1, 5.2 EN 442-1, 5.3
Surface temperature	Pass		-
Rated thermal output	SU1500550W	1304 W	EN 442-1, Clause 6
	SU180047W SU180047A	1144 W	
	SU180055W SU180055A	1334 W	
	SU600119W SU600119A	1130 W	
	SU60087W SU60087A	829 W	
	SU1500470W SU1500470A	972 W	
Thermal output in different operating conditions (characteristic curve)	SU1500550W	$\Phi_S = K_M \cdot \Delta T^n$ Where $K_M = 7,3224$ $n = 1.3247$ $\Delta T = 50K$	EN 442-1, Clause 6
	SU180047W SU180047A	$\Phi_S = K_M \cdot \Delta T^n$ Where $K_M = 6,4212$ $n = 1.3247$ $\Delta T = 50K$	
	SU180055W SU180055A	$\Phi_S = K_M \cdot \Delta T^n$ Where $K_M = 7,4914$ $n = 1.3247$ $\Delta T = 50K$	
	SU600119W SU600119A	$\Phi_S = K_M \cdot \Delta T^n$ Where $K_M = 6,3453$ $n = 1.3247$ $\Delta T = 50K$	
	SU60087W SU60087A	$\Phi_S = K_M \cdot \Delta T^n$ Where $K_M = 4,6550$ $n = 1,3247$ $\Delta T = 50K$	

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	SU1500470W SU1500470A	$\Phi_S = K_M \cdot \Delta T^n$ Where $K_M = 5,4581$ $n = 1,3247$ $\Delta T = 50K$	
Durability	PASS		EN 442-1, Clause 4

#### 10. Declaration:

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

This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 4.

**Authorised Signatory on behalf of the manufacturer:**



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**Name:** Friedrich Zotter  
**Position:** CEO  
**Company:** ETS Dienstleistungs- und Handels GmbH  
**Issue Date:** 06/05/2013  
**At:** ETS GmbH, Gewerbestrasse 9a, AT-6973 Höchst

#### **Information on the Content of Hazardous Substances in the Construction Product**

As required by EU CPR Regulation 305-2011  
As identified by Articles 31 & 33 of the EU REACH Regulation 1907-2006

**Equipment Type:** Radiator/Convactor  
**Product Range:** Ximax  
**Model Numbers:** SU1500550W, SU180047W, SU180047A, SU180055W, SU180055A, SU600119W, SU600119A, SU60087W, SU60087A, SU1500470W, SU1500470A

**Manufacturer:** Manufactured by ETS, Gewerbestrasse 9a, A-6973 Höchst

**Safety Data Sheets:** N/A (product is an "Article", not a "Substance" or "Preparation")

#### **Substance of Very High Concern (SVHC):**

The products identified above contain no SVHCs as per the Candidate List at date of issue of this document at a concentration above 0.1% weight by weight (w/w).

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