

EU DECLARATION OF CONFORMITY (DoC)

In accordance with EN ISO 17050-1:2010

Product identification code: **HL152 – 300 Watt Towel Radiator – IP64**

Product-Type: **Electrical heaters with thermostat**

Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

Authorised representative: **N/A**

This declaration of performance is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/35/EU Low Voltage Directive
2014/30/EU Electromagnetic Compatibility Directive
2011/65/EU Restriction of Hazardous Substances Directive
2009/125/EC Energy-related Products (ErP)

Conformity is shown by compliance with the applicable requirements of the following documents:

EN 62233:2008
EN 60335-1:2012 + A11:2014
EN 60335-2-43:2003 + A2:2008
EN 61000-3-2:2014
EN61000-3-3:2013
EN 55014-1:2006 + A2:2011
EN 55014-2:2015

Signed for and on behalf of: **Roxor Group.**

Place of issue: **Halifax, West Yorkshire.**

Date of issue: **11 January 2021**

Name: **Tony Firminger**

Position: **Quality Manager**

Signature:



DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HL326

1. Product identification code: As required under Article 6(2a)

Radiator – HL326

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\phi_{30} = 584$ Watt $\phi_{50} = 1066$ Watt	
Thermal output in differing operating conditions	$\phi = 10.6417 \times \Delta T^{1.1776}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 1	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL327**

1. Product identification code: As required under Article 6(2a)

Radiator – HL327

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 512 \text{ Watt}$ $\phi_{50} = 997 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL331**

1. Product identification code: As required under Article 6(2a)

Radiator – HL331

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\varnothing_{30} = 569$ Watt $\varnothing_{50} = 1174$ Watt	
Thermal output in differing operating conditions	$\varnothing = 13.5594 \times \Delta T^{1.2810}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL337**

1. Product identification code: As required under Article 6(2a)

Radiator – HL337

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\varnothing_{30} = 157 \text{ Watt}$ $\varnothing_{50} = 303 \text{ Watt}$	
Thermal output in differing operating conditions	$\varnothing = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL337D**

1. Product identification code: As required under Article 6(2a)

Radiator – HL337D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well, Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 157 \text{ Watt}$ $\phi_{50} = 303 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL338**

1. Product identification code: As required under Article 6(2a)

Radiator – HL338

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well, Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 224 \text{ Watt}$ $\phi_{50} = 433 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL339**

1. Product identification code: As required under Article 6(2a)

Radiator – HL339

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 380 \text{ Watt}$ $\phi_{50} = 736 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL339D**

1. Product identification code: As required under Article 6(2a)

Radiator – HL339D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 380 \text{ Watt}$ $\phi_{50} = 736 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HL340D**

1. Product identification code: As required under Article 6(2a)

Radiator – HL340D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well, Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 804 \text{ Watt}$ $\phi_{50} = 1554 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA37**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA37

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 157 \text{ Watt}$ $\phi_{50} = 303 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA37D**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA37D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\varnothing_{30} = 157 \text{ Watt}$ $\varnothing_{50} = 303 \text{ Watt}$	
Thermal output in differing operating conditions	$\varnothing = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA38**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA38

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House, Highroad
Well, Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 224 \text{ Watt}$ $\phi_{50} = 433 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA38D**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA38D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 224 \text{ Watt}$ $\phi_{50} = 433 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA39**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA39

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\varnothing_{30} = 380 \text{ Watt}$ $\varnothing_{50} = 736 \text{ Watt}$	
Thermal output in differing operating conditions	$\varnothing = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA39D**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA39D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well, Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 380 \text{ Watt}$ $\phi_{50} = 736 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA40D**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA40D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 804 \text{ Watt}$ $\phi_{50} = 1554 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA42D**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA42D

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 905 \text{ Watt}$ $\phi_{50} = 1748 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: **HLA55**

1. Product identification code: As required under Article 6(2a)

Radiator – HLA55

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 205 \text{ Watt}$ $\phi_{50} = 399 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HLA76

1. Product identification code: As required under Article 6(2a)

Radiator – HLA76

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group Hamnett
House, Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\phi_{30} = 469 \text{ Watt}$ $\phi_{50} = 908 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 5.7664 \times \Delta T^{1.2933}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HLA77

1. Product identification code: As required under Article 6(2a)

Radiator – HLA77

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Radiators and convectors**

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\varnothing_{30} = 584 \text{ Watt}$ $\varnothing_{50} = 1066 \text{ Watt}$	
Thermal output in differing operating conditions	$\varnothing = 10.6417 \times \Delta T^{1.1776}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 1	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HLA94

1. Product identification code: As required under Article 6(2a)

Radiator – HLA94

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group Hamnett
House, Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\phi_{30} = 277 \text{ Watt}$ $\phi_{50} = 592 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 1.7526 \times \Delta T^{1.4882}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 1	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HLW22

1. Product identification code: As required under Article 6(2a)

Radiator – HLW22

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\phi_{30} = 375 \text{ Watt}$ $\phi_{50} = 719 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 4.9424 \times \Delta T^{1.2730}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 1	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HLW41

1. Product identification code: As required under Article 6(2a)

Radiator – HLW41

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\phi_{30} = 308 \text{ Watt}$ $\phi_{50} = 598 \text{ Watt}$	
Thermal output in differing operating conditions	$\phi = 3.7208 \times \Delta T^{1.2986}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 1	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU Construction Products Regulation (No. 305/2011)

DoP Number: **BS EN 442-1:2014**

1. Product identification code: As required under Article 6(2a)

Radiator – HLW54

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use:

In heating systems in buildings

4. Manufacturer:

**Roxor Group.
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative:

N/A

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 1783 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 120 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 1,000 kPa	
Rated thermal outputs	$\phi_{30} = 912$ Watt $\phi_{50} = 1703$ Watt	
Thermal output in differing operating conditions	$\phi = 6.0157 \times \Delta T^{1.3064}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Tony Firminger

Quality Manager

(Name)

(Function)

11 January 2021



(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HRE007

1. Product identification code: As required under Article 6(2a)

Radiator – HRE007

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\varnothing_{30} = 361 \text{ Watt}$ $\varnothing_{50} = 721 \text{ Watt}$	
Thermal output in differing operating conditions	$\varnothing = 3.6112 \times \Delta T^{1.3540}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)



(Signature)

Halifax, West Yorkshire

(Place of Issue)

DECLARATION OF PERFORMANCE (DoP)

In accordance with the EU/GB Construction Products Regulation (No. 305/2011)&(SI 2020/1359)

DoP Number: HRE009

1. Product identification code: As required under Article 6(2a)

Radiator – HRE009

2. Product-Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Radiators and convectors

3. Intended use: **In heating systems in buildings**

4. Manufacturer: **Roxor Group
Hamnett House,
Highroad Well,
Halifax,
HX2 0AX**

5. Authorised representative: **Roxor Ireland Ltd
C23 Abec Kilbride Ind Est
Arklow
Y14 T440**

6. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Construction Products Regulation (EU) 305/2011, Annex V: & (GB) SI 2020/1359

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified laboratory No. 2693 performed the determination of the product type on the basis of type testing and issued a test report.

8. European Technical Assessment (ETA):

N/A

9. Declared Performance:

Essential Characteristics	Performance	Harmonised standard
Reaction to fire	A1	BS EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure (kPa)	
Surface temperature	Maximum 90 °C	
Resistance to pressure	no breakage at 1,69 x maximum operating pressure (kPa) Maximum operating pressure: 460 kPa	
Rated thermal outputs	$\varnothing_{30} = 361 \text{ Watt}$ $\varnothing_{50} = 721 \text{ Watt}$	
Thermal output in differing operating conditions	$\varnothing = 3.6112 \times \Delta T^{1.3540}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

10. Declaration:

- **The performance of the product identified in points 1 and 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.

Lee Taylor

(Name)

Quality Manager

(Function)

22 December 2017

(Date of issue)

(Signature)

Halifax, West Yorkshire

(Place of Issue)