

1. Univocal product-type identification code: **AQUADOME STRIPES-PLAY (complete.range)**
  
2. Type, lot, series no. or any other element that enables the construction product to be identified pursuant to article 11, paragraph 4: **AQUADOME STRIPES-PLAY**
  
3. Intended use(s) of the construction product according to the relative harmonised technical specification, as stated by the manufacturer: Heat emitting, radiators designed for permanent installation in heating systems of residential buildings, fed from a remote source with hot water or steam at a temperature < 100 °C. (EN 442-1-2 December 2004, EN 442-3 November 2004)
  
4. Name, registered trade name or registered trademark and address of the manufacturer pursuant to article 11, paragraph 5: **NEXTHEAT SRL – Contrada Marolino - 62018 – Potenza Picena (MC) - ITALY**
  
5. If applicable, name and address of mandatary whose mandate includes the assignments as per article 12, paragraph 2: **N.A.**
  
6. System(s) for the assessment and verification of constancy of performance of the construction product, as per annex V: **system 3.**
  
7. In a declaration of performance concerning a, construction product that comes under the scope of a harmonized standard:

**Notified Testing Laboratory: ISTITUTO GIORDANO S.p.A - identificatino number 0407**  
 (Name and identification number of notified body, if applicable)

has performed type tests (standard UNI EN 442-1) according to system 3.  
 (Description of third party assignments as per annex V)

and has issued:

- **Determination of the thermal output of a heating body (Test report 388451 of 29/10/2021)**
- **Pressure tightness tests (Test report 388451 of 29/10/2021)**  
 (constancy of performance certificate, plant production control conformity certificate, test/design reports - as applicable)

.....  
 (name and identification number of organisation notified, if applicable)

.....  
 (description of third party assignments as per annex V)

and has issued:

.....  
 (constancy of performance certificate, plant production control conformity certificate, test/design reports — as applicable)

8. In a declaration of performance concerning a construction product for which a European technical assessment has been released:

N.A.

(name and identification number of technical assessment body, if applicable)

has released

(reference number of European technical assessment)

based on

.....  
 (reference number of European assessment document)

performed ..... according to system.....  
 (description of third party assignments as per annex V)

and has issued

.....  
 (constancy of performance certificate, plant production control conformity certificate, test/design reports — as applicable)

9. Performance declared

Notes to table:

1. Column 1 contains the list of the basic properties as defined in the harmonized technical specifications for the use(s) specified in § 3 above;
2. For each property listed in column 1 and conforming to the requirements as per article 6, this column gives the performance declared, expressed in terms of level, class, or through a description, in relation to the corresponding basic properties. If no performance has been declared, the column shows "NPD" (No Performance Determined);
3. For each basic property listed in column 1, column 3 gives:
  - a. A reference, with relative date, to the corresponding harmonized standard, and, if applicable, the reference number of the specific technical documentation, or that of the appropriate technical documentation used;
  - Or
  - b. A reference, with relative date, to the corresponding European assessment document, if available, and the reference number of the European technical assessment used;

Basic properties (see note 1)	Performance (see note 2)	Harmonized technical spec (see note 3)
Reaction to fire	A1	Tests on organic part of any paint or surface treatment substance to verify whether it is <1 % by mass. (Clause 5.1.7, standard EN 442-2:2015)
Release of hazardous substances	NO	Clause 4, standard EN 442-2:2015
Surface temperature	100° C maximum and corresponding to water supply temperature	EN 442-2:2015
Maximum operating pressure	6 bar	EN 442-2:2015
Pressure tightness (leak test)	10	Clause 5.2, standard EN 442-2:2015
Pressure tightness (resistance test)	16.9 bar	Clause 5.3, standard EN 442-2:2015
Rated thermal output AT 50 K	See Table 1	Clause 6, standard EN 442-2:2015
Rated thermal output AT 30 K	See Table 1	Clause 6, standard EN 442-2:2015
Thermal power in different operating conditions (Characteristic equation)	$\phi = K_m \times aT^n$	Clause 6, standard EN 442-2:2015
Coefficient $K_m$	See Table 1	EN 442-2:2015
Coefficient $n$	See Table 1	EN 442-2:2015

If a specific technical document has been used, pursuant to art. 37 or art. 38, the requirements met by the product:

.....  
 .....

10. The performance of the product as per §§ 1 & 2 above conforms to the performance declared as per g 9.

**Declaration of Performance no. A0001**

AS PER ARTS. 4, 6, 7 AND ANNEX III TO REG. (UE) 9-3-2011, No. 305/2011

TABLE 1 (technical data)

Modell	Rated thermal output AT 50 K	Rated thermal output AT 30 K	coefficient Km	Coefficient n
Aquadome Stripes 780x526	366 Watt	198 Watt	3.2393	1.2087
Aquadome Play 780x526 Brillant	308 Watt	167 Watt	2.7227	1.2087
Aquadome Stripes 1185x526	546 Watt	292 Watt	4,5712	1,2226
Aquadome Play 1185x526 Brillant	459 Watt	246 Watt	3.8461	1.2226
Aquadome Stripes 1455x526	662 Watt	651 Watt	5.1840	1.2397
Aquadome Play 1455x526 Brillant	557 Watt	295 Watt	4.3616	1.2397
Aquadome Stripes 1770x526	803 Watt	418 Watt	5.4319	1.2770
Aquadome Play 1770x526 Brillant	675 Watt	352 Watt	4.5679	1.2770

Declaration of Performance no. NH0001

AS PER ARTS. 4, 6, 7 AND ANNEX III TO REG. (UE) 9-3-2011, No. 306/2011

DDP - Rev. 00

Date 25/10/2022

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This declaration of performance is released under the sole responsibility of the manufacturer as per § 4 above.

Signed in the name and on behalf of:

ALESSANDRO MARTINANGELI

{name and functions}

Managing Director

Potenza Picena (MC — Italy) 25/10/2022  
(place and date of issue)

(signature)

NEXTHEAT SRL  
Sustainable smart home design  
Autonomous Design  
Alessandro Martinangeli