

# DECLARATION OF PERFORMANCE (DoP)

No. 20001-AIN-2019/09/30

1. Unique identification code of the product type:

**Halton Ava Individual (AIN)**

**Ceiling mounted radiant panel**

2. Intended use:

**Ceiling mounted radiant panel for heating or cooling (in buildings)**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

**Halton Oy  
Haltonintie 1-3  
47400 Kausala  
FINLAND**

4. System of AVCP:

**System 3**

5. Harmonised standard:

**EN 14037-1:2016**

6. Notified body:

**Notified body No. 1428  
WSPLab  
Dr.-Ing. Frank Bitter  
Kapuzinerweg 7  
70374 Stuttgart  
Germany**

**Test reports:  
19.55.HLT.103 – 19.55.HLT.108**

7. Declared performances of Halton Ava Individual (AIN):

Essential characteristics	Performance			Harmonized technical specification
Reaction to fire	Without insulation (IN=NA): A1 With insulation (IN=P): B-s1, d0			EN 14037-1:2016
Release of dangerous substances	NPD			
Pressure tightness	Pass			
Surface temperature	Regarded as the inlet water temperature			
Resistance to pressure	Pass (max. operating pressure 1 000 kPa)			
Rated thermal output	Type	Rated thermal output [W/m] *	Characteristic curve [W/m] *	
Output in different thermal conditions (characteristic curve) $\Phi = K \cdot \Delta t^n$	AIN, W=600, PE=NA, loop 1	316,4	K=2,894, n=1,148	
	AIN, W=900, PE=NA, loop 1	440,8	K=3,939, n=1,153	
	AIN, W=1200, PE=NA, loop 1	565,2	K=4,983, n=1,157	
	AIN, W=600, PE=NA, loop 2	288,9	K=2,74, n=1,139	
	AIN, W=900, PE=NA, loop 2	304,9	K=2,968, n=1,133	
	AIN, W=1200, PE=NA, loop 2	320,9	K=3,196, n=1,126	
	AIN, W=600, PE=A, loop 1	300,9	K=2,789, n=1,144	
	AIN, W=600, PE=A, loop 2	273,5	K=2,643, n=1,134	
Durability Surface protection	NPD			

8. The performance of the product identified in point 1 is in conformity with the set of declared performance/s.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 (CPR), under the sole responsibility of the manufacturer identified in point 3.

Copy of the Declaration of Performance (DoP) for Halton Ava Individual (AIN) is available on website:

[www.halton.com](http://www.halton.com)

Signed for and on behalf of the manufacturer by:

Timo Toivanen – Product Manager, Air-Water Systems

Kausala, 30 September 2019