

1. **Name and trade name of the construction product:**
PEFLEX EPS ventilation duct system
2. **Type designation of construction product:**
PEFLEX_EPS
3. **Intended use or uses:**
The products referred to in point. 1 are intended to be used in the construction industry as ventilation and air-conditioning components, to the extent resulting from the performance characteristics defined in point. 8 of this declaration.
4. **Name and address of the registered office of the manufacturer and place of manufacture of the product:**
PE-FLEX sp. z o.o. sp. k., Gdów 1488, 32-420 Gdów
Place of production: Graniczna 46, 32-765 Krzeczów.
5. **Name and address of authorised representative, if any:**
Not applicable
6. **National system used for assessment and verification of constancy of performance:**
System 3
7. **National technical specification:**
7a. Polish product standard: PN-EN 17192:2019-01

Name of accredited laboratory(s) and accreditation number:
Building Research Institute, AB 023; Laboratory of Thermal Engineering, Tadeusz Kościuszko Cracow University of Technology, AB 1632
7b. National Technical Assessment: **Not applicable**

Technical Assessment Body / National Technical Assessment Body: **Not applicable**

Name of accredited certification body, accreditation number and certificate number: **Not applicable**
8. **Declared performance properties:**

Essential properties of the construction product for the intended use or uses	Declared performance properties	REMARKS
Tightness:	Class: ATC 4	Point 5.2 of EN 17192
Pressure drops:	In accordance with Table No. 1	Point 5.3 of EN 17192
Reaction to fire:	Class: EL	Point 5.5 EN 17192 standards

Table 1. Unit pressure drop of straight section for different volumetric flows

Volumetric air flow rate	Unit pressure drop	Air velocity	Length pressure drop factor Λ
m ³ /h	Pa/m	m/s	0.014
20	0.001	0.18	0.014
0.18	0.014	0.53	0.014
60	0.012	0.53	0.014
100	0.033	0.88	0.014
140	0.065	1.24	0.014
180	0.108	1.59	0.014
220	0.162	1.95	0.014
260	0.227	2.30	0.014
300	0.303	2.65	0.014
340	0.389	3.01	0.014
380	0.487	3.36	0.014
420	0.595	3.72	0.014
460	0.715	4.07	0.014
500	0.845	4.42	0.014
540	0.986	4.78	0.014
580	1.138	5.13	0.014
620	1.302	5.48	0.014
660	1.476	5.84	0.014
700	1.661	6.19	0.014
740	1.857	6.55	0.014
780	2.064	6.90	0.014
820	2.282	7.25	0.014
860	2.512	7.61	0.014
900	2.752	7.96	0.014
940	3.003	8.32	0.014
980	3.265	8.67	0.014
1020	3.539	9.02	0.014
1060	3.823	9.38	0.014
1100	4.118	9.73	0.014
1140	4.425	10.08	0.015

9. The performance properties of the product specified above are in compliance with all the declared performance properties listed in item 8. This National Declaration of Performance is issued in accordance with the Act of April 16, 2004, on Construction Products, under the sole responsibility of the manufacturer.

On behalf of the manufacturer signed:

Szymon Sierszulski - Board Member

(name and job title)

Gdów, May 10, 2024

(place and date of issue)



PEQNET
Szymon Sierszulski
PREZES Zarządu

(signature)