

DECLARATION OF PERFORMANCE

No: DoP 711/2018_2_EN

1. Unique identification code of the product-type:	Circular fire damper
2. Identification of the construction product:	FDC25/40
3. Intended use(s) of the construction product:	Circular fire damper to be used in conjunction with fire separating elements to maintain fire compartments in HVAC installations.
4. Name and contact address of the manufacturer:	Klimaoprema d.d., Gradna 78A, 10430 Samobor
5. Not applicable	
6. System of assessment and verification of constancy of performance of the construction product:	System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	The notified body 1812 carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the Certificate of constancy of performance 1812 - CPR - 1161
8. Not applicable	
9. Declared performance according to EN 15650:	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics				Performance	
Range	Supporting construction	Supporting construction details	Type of installation	Classification	
φ100 - φ800mm	Rigid wall	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm	Gypsum plaster/Mortar	EI 120 (ve i→o)S (500Pa)	
			WEICHSCHOTT	EI 90 (ve i→o)S (300Pa)	
			Mineral wool + cover boards	EI 90 (ve i→o)S (500 Pa)	
	Flexible wall	Gypsum blocks (≥995kg/m ³) ≥70mm	Plasterboard type 98/48 ≥100mm	Gypsum plaster/Mortar + cover boards	EI 120 (ve i→o)S (500Pa)
				Gypsum plaster/Mortar	EI 120 (ve i→o)S (500 Pa)
				Mineral wool + cover boards	EI 90 (ve i→o)S (500 Pa)
				WEICHSCHOTT	EI 90 (ve i→o)S (300Pa)
	Floor/ceiling	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm		Gypsum plaster/Mortar	EI 120 (ve i→o)S (500Pa)
				WEICHSCHOTT	EI 90 (ve i→o)S (300Pa)
φ100 - φ315mm	Rigid wall	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm	APPLIQUE (installation frame)	EI 90 (ve i→o)S (500 Pa)	
	Flexible wall	Gypsum blocks (≥995kg/m ³) ≥70mm Plasterboard type 98/48 ≥100mm			
FDC 40 (φ100 - φ630mm)	Rigid wall	Aerated concrete (≥650kg/m ³) ≥100mm	Isover (remote from wall)	EI 60 (ve i→o)S (300 Pa)	
	Flexible wall	Plasterboard type 98/48 ≥100mm		EI 60 (ve i→o)S (300 Pa)	
Type of installation: built in, 0-360°					
Nominal activation conditions/sensitivity according to ISO 10294-4: - sensing element load bearing capacity - sensing element response temperature				Passed	
Response delay (closing time) according to EN 1366-2:				Passed	
Operational reliability (opening, closing) according to EN 1366-2:				Passed	
Durability of response delay according to ISO 10294-4: - sensing element response to temperature and load bearing capacity				Passed	
Durability of operational reliability (opening and closing cycle) according to EN 15650: - Belimo, Schischek, Siemens - 10 000 cycles - Fuse only, Fuse + electromagnet (Klimaoprema) - 300 cycles				Passed	
Protection against corrosion according to EN 60068-2-52:				NPD	
Damper blade and casing leakage according to EN 1751:				Class ≥ C	

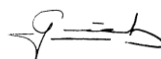
Harmonised standard EN 15650:2010

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for on behalf of the manufacturer by:

Sergio Galošić, General manager



Samobor, 27. March 2018

