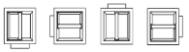
DECLARATION OF PERFORMANCE

No: DoP 710/2018_2_EN

1. Unique identification code of the product-type:	Rectangular fire damper
2. Identification of the construction product:	FD25/40
3. Intended use(s) of the construction product:	Rectangular 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 proudct	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 continous surveillance, assessment and evaluation of factory production control under system 1 and issued the Certificate of constancy of performance 1812 - CPR - 1162
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	
100x200 to 1500x800 mm	Rigid wall	Aerated concrete (≥550kg/m3) ≥100mm and reinforced concrete (≥2200kg/m3) ≥100mm	Gypsum plaster/Mortar	EI 120 (ve i↔o)S (500Pa)	**Harmonised standard EN 15650:2010**
			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/m3) ≥70mm	Gypsum plaster/Mortar + cover boards	EI 120 (ve i↔o)S (500Pa)	
		Plasterboard type 98/48 ≥100mm	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/m3) ≥100mm and reinforced concrete (≥2200kg/m3) ≥100mm	Gypsum plaster/Mortar	EI 120 (ve i↔o)S (500Pa)	
			WEICHSCHOTT	EI 90 (ve i↔o)S (300Pa)	
100x200 to 800x600 mm	Rigid wall	Aerated concrete (≥550kg/m3) ≥100mm and reinforced concrete (≥2200kg/m3) ≥100mm	APPLIQUE (installation frame)	EI 90 (ve i↔o)S (500 Pa)	
	Flexible wall	Gypsum blocks (≥995kg/m3) ≥70mm			
		Plasterboard type 98/48 ≥100mm			
200x200 to 1500x800 mm (FD40)	Rigid wall	Aerated concrete (≥650kg/m3) ≥110mm	Promat (remote from wall)	EI 120 (ve i↔o)S (300 Pa)	
	Rigid wall	Aerated concrete (≥650kg/m3) ≥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, 0-90-180-270° 					
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	

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 performanse is issued under the sole responsibilty of the manufacturer identified in point 4.

Signed for on behalf of the manufacturer by:

Sergio Galošić, General manager

Samobor, 27. March 2018