

# DECLARATION OF PERFORMANCE

No 50001

Unique identification code of the product-type	PAROC FPS 17 (t, a, ta)
Intended use/es	Fire protection of loadbearing steel structures
Manufacturer	Paroc Group, Energiakuja 3, FI-00180 Helsinki
System/s of AVCP	System 1 (for fire properties)
European Technical Assessment	ETA-08/0093
Standard	EAD 350142-00-1106
Notified body	No. 0809 – VTT Expert Services Oy

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:  
Helsinki 23.4.2018



Paroc Oy Ab, Building Insulation  
Susanna Tykkä-Vedder, Development Manager

## Declared Performance(s)

PROPERTY	VALUE	ACCORDING TO
<b>SAFETY IN CASE OF FIRE</b>		
Reaction to Fire, Euroclass	A1	EN 13501-2:2016
Resistance to Fire	R30 – R 240 depending on the thickness of PAROC FPS 17 (t, a, ta), steel beam type and temperature limit	EN 13501-2:2016, EN 13381-4:2013
<b>HYGIENE, HEALTH AND ENVIRONMENT</b>		
Water permeability	No performance assessed	
<b>SAFETY AND ACCESSIBILITY IN USE</b>		
Flexural strength	No performance assessed	
Dimensional stability	≤ 1 %	EN 1604
<b>ENERGY ECONOMY AND HEAT RETENTION</b>		
Thermal conductivity	0,038 W/mK	
Water Vapour transmission coefficient MU, $\mu$	PAROC FPS 17 (t): 1	
Water vapour resistance coefficient Z	PAROC FPS 17 a / ta: 6,00 m <sup>2</sup> hPa/mg	
<b>DURABILITY AND SERVICEABILITY</b>		
Working life of the boards is 25 years for the intended use Z <sub>2</sub> , (internal use), if not more than accidental wetting and no frosting inside the building is to be expected.		