

DECLARATION OF PERFORMANCE

No. 20058

Unique identification code of the product-type	PARAFON Royal
Intended use/es	Suspended ceilings
Manufacturer	Paroc Group, Energiakuja 3, FI-00180 Helsinki
System/s of AVCP	AVCP 1 for Reaction to fire, AVCP 3 for other properties
Harmonised standard	EN 13964:2014
Notified body/ies	No. 0809 - Eurofins Expert Services Ltd

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 24.10.2018



Paroc Oy Ab, Building Insulation
Susanne Fagerlund, Development Manager

DURABILITY OF FIRE AND THERMAL PROPERTIES	
Durability of Reaction to Fire Against Heat, Weathering, Ageing/Degradation	The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.

Declared Performance/s

PROPERTY	VALUE	ACCORDING TO
REACTION TO FIRE		
Reaction to Fire, Euroclass	Royal White, Royal Cement: A2-s1, d0	EN 13964:2014 (EN 13501-1)
.	Royal Metal: A2- s2, d0	
.	Royal Extra: C-s1, d0	
THERMAL RESISTANCE		
Thermal Conductivity λ_D	0,035 W/mK	EN 13964:2014 (EN 12667)
ACOUSTIC ABSORPTION INDEX		
Sound Absorption a_w , Direct Fixing	Royal White 30 mm: 0,75	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
.	Royal White 40 mm: 0,90	
.	Royal White 50 mm: 1,00	
Sound Absorption a_w , Construction Depth 200 mm	Royal White 30 mm: 0,95	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
.	Royal White 40 mm: 1,00	
.	Royal White 50 mm: 1,00	
TENSILE/FLEXURAL STRENGTH		
Flexural Tensile Strength	NPD	EN 13964:2014
OTHER MECHANICAL PROPERTIES		
Shatter Properties	NPD	EN 13964:2014
RELEASE OF DANGEROUS SUBSTANCES TO THE INDOOR ENVIRONMENT		
Release of Formaldehyde	E1	EN 13964:2014
Release of Asbestos	No content of asbestos	EN 13964:2014