DECLARATION OF PERFORMANCE

No. 70001

Unique identification code of the product-type	PAROC XES 200j
Intended use/es	Thermal insulation for buildings (XPS)
Manufacturer	Paroc Group, Energiakuja 3, FI-00180 Helsinki
System/s of AVCP	AVCP 3
Harmonised standard	EN 13164:2012 + A1:2015
Notified body/ies	No. 0809 - Eurofins Expert Services Ltd; No. 1688 - Vilnius Gediminas Technical University

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 1.7.2016

Paroc Oy Ab, Building Insulation
Marjut Haapala, Product Certification Manager

Declared Performance/s

PROPERTY	VALUE	ACCORDING TO
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING/DEGRADATION		
Compressive Creep $CC(i_1/i_2/y)\sigma_c.X_{ct}$	CC(2/1,5/50)90	EN 13164:2012+A1:2015 (EN 1606)
DURABILITY OF FIRE AND THERMAL PROPERTIES		
Durability of Reaction to Fire Against Heat, Weathering, Ageing/Degradation	NPD	
Durability of Thermal Resistance Against Heat, Weathering, Ageing/Degradation	Do not change	
Freeze-thaw Resistance	FTCD2	EN 13164:2012+A1:2015 (12091)

Declared Performance/s

PROPERTY	VALUE	ACCORDING TO
REACTION TO FIRE		
Reaction to Fire, Euroclass	NPD	EN 13164:2012+A1:2015 (EN 13501-1)
THERMAL RESISTANCE		
Thickness (mm)	Thermal Conductivity λ_D / Thermal Resistance R_D	
50	0,035 W/mK / 1,45 K/W	EN 13164:2012
70	0,035 W/mK / 2,00 K/W	EN 13164:2012
100	0,037 W/mK / 2,70 K/W	EN 13164:2012
Thickness Tolerance, T	T1	EN 13164:2012+A1:2015 (EN 823)
WATER PERMEABILITY		
Water Absorption, Long Term WL(T), Wlt	≤ 0,7 Vol %	EN 13164:2012+A1:2015 (EN 12087)
Water Absorption, Long Term by Diffusion WD(V)	≤ 1 Vol %	EN 13164:2012+A1:2015 (EN 12088)
COMPRESSIVE STRENGTH		
Compressive Stress or Compressive Strength CS(10\Y), σ_{10} , σ_m	200 kPa	EN 13164:2012+A1:2015 (EN 826)
RELEASE OF DANGEROUS SUBSTANCES TO THE INDOOR ENVIRONMENT		
Release of Dangerous Substances	No emissions	EN 13164:2012+A1:2015