

PRODUCT CERTIFICATE

Certificate No VTT-C-4736-09
Translation from Finnish

Paroc Oy Ab Technical Insulations

Produce and deliver

Technical insulations manufactured from Stone wool

Insulations are intended to be used at thermal, fire, sound and condensation insulations in HVAC systems, OEM and process and ship industry.

Fire classifications have been done according to the standard EN 13501-1. Summary of the properties with classifications is below:

Table1. Fire classifications of the products, fire behaviour

Product group	Fire class EN 13501-1	Nominal density (kg/m ³) EN 1602, EN 13470	Coating
PAROC Pipe Section and components made of it	A1 _L	80-140	
PAROC Section AluCoat and components made of it	A2 _L -s1,d0	80-140	Aluminium laminate
PAROC AirCoat and components made of it	A2 _L -s1,d0	80-140	Aluminium laminate
PAROC Wired Mat	A1	28-130	
PAROC Wired Mat AluCoat	A2-s1,d0	35-130	Aluminium laminate
PAROC Wired Mat AL1	A1	80-130	Aluminium foil
PAROC Lamella Mat	A2-s1,d0	50	Aluminium laminate
PAROC InVent	A2-s1,d0	45-100	Glass felt/fabric
PAROC Mat	A1	30-100	
PAROC Mat AluCoat	A2-s1,d0	35	Aluminium laminate
PAROC Loose Wool	A1	80	
PAROC Slab	A1	40-230	
PAROC Fire Slab	A1	80-150	
PAROC Slab AluCoat	A2-s1,d0	80-140	Aluminium laminate
PAROC Slab	A2-s1,d0	220-250	Glass felt

This certificate is valid until 29.11.2014, on the condition that there are no essential changes in the products, and certificate holder and VTT has a valid quality control contract. Type and amount of burning material and fire properties are defined in the contract. Information of the validity of the certificate can be asked from VTT. Other conditions are listed on reverse side of the certificate.

Espoo 30.11.2009



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Conditions of validity:

Where reference is made in this certificate to any regulations, publications, standards or other documents, it shall be construed as a reference to such publication in the form of which it is in force at the date of this certificate.

The manufacturer is responsible for the quality and continuous quality control of the product. In granting this certificate, VTT Expert Services Oy does not accept responsibility to any person or body for any loss or damage incurred in respect of personal injury arising as direct or indirect result of the use of this product.

The use of VTT' s name in advertising or the distribution of a partly copied certificate is allowed only with permission from VTT in writing.