



## PAROC UNS 37

### General insulation slab

Flexible, fire safe stone wool slab with high thermal insulation and sound absorption performance.

General-purpose insulation product for thermal, sound and fire insulation in external walls, lofts and floors in all kind of buildings.

PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.

**Certification Number** 0809-CPR-1015 VTT Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland, 18.12.2013

**Designation Code** MW-EN13162-T4-DS(70,-)-WS-WL(P)-MU1

**Package Type** Plastic Package or Big Pack

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
610 x 1220 mm	40 - 250 mm
According to EN 822	According to EN 13162
Other Dimensions: Other sizes available on request.	

PROPERTY	VALUE	ACCORDING TO
DIMENSIONAL STABILITY		
Dimensional Stability at Specified Temperature (Declared), DS(70,-)	≤ 1 %	EN 13162:2012 (EN 1604)



## Properties

PROPERTY	VALUE	ACCORDING TO
<b>FIRE PROPERTIES</b>		
Reaction to Fire, Euroclass	A1	EN 13162:2012 (EN 13501-1)
Continuous Glowing Combustion	NPD	EN 13162:2012
Combustibility	Non-combustible	EN ISO 1182
<b>THERMAL PROPERTIES</b>		
Thermal Resistance	<a href="http://www.paroc.com/~media/Files/Solutions%20and%20Products/thermal-resistance-table-INT.ashx">http://www.paroc.com/~media/Files/Solutions%20and%20Products/thermal-resistance-table-INT.ashx</a>	EN 13162:2012
Thermal Conductivity $\lambda_D$	0,037 W/mK	EN 13162:2012 (EN 13162 )
Thickness Tolerance, T	T4	EN 13162:2012 (EN 823)
Air Flow Resistivity $AF_R$	NPD	EN 13162:2012 (EN 29053)
<b>MOISTURE PROPERTIES</b>		
Water Absorption, Short Term $W_S$ , ( $W_p$ )	$\leq 1 \text{ kg/m}^2$	EN 13162:2012 (EN 1609)
Water Absorption, Long Term $W_L(P)$ , ( $W_{lp}$ )	$\leq 3 \text{ kg/m}^2$	EN 13162:2012 (EN 12087)
Water Vapour Transmission $MU$ , $\mu$	1	EN 13162:2012 (EN 12086)
<b>SOUND PROPERTIES</b>		
Sound Absorption	NPD	EN 13162:2012 (EN ISO 354)
<b>EMISSIONS</b>		
Release of Dangerous Substances	NPD	EN 13162:2012
<b>DURABILITY OF FIRE AND THERMAL PROPERTIES</b>		
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.	
Durability of Thermal Resistance Against Heat, Weathering, Ageing/Degradation	Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.	



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