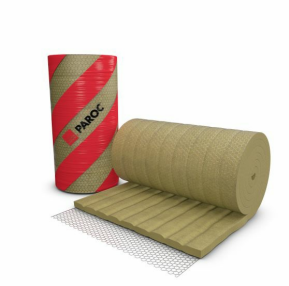
PRODUCT DATASHEET



PAROC Pro Wired Mat LE 660 Comfort

Stone wool wired mat with galvanized wire mesh and sewing wire. Even available with stainless steel net and/or sewing wire.

Fire and thermal insulation of cylindrical, conic and flat surfaces.

Maximum Service Temperature 660 °C (EN 14706)

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.

Nominal Density 80 kg/m³

Package Type Plastic Packs on Pallet

DIMENSIONS	
WIDTH X LENGTH	**THICKNESS**
Width 500/600/900/1000 mm, length 2000 - 8000 mm depending on thickness. mm	30 - 120 mm
According to EN 822	According to EN 823

PROPERTY	VALUE	ACCORDING TO
DIMENSIONAL STABILITY		
Maximum Service Temperature - Dimensional Stability	660 °C	EN 14706

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Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Reaction to Fire, Euroclass	A1	EN 13501-1
Continuous Glowing Combustion	NPD	
THERMAL PROPERTIES		
Thermal Conductivity in 10 °C, λ_{10}	0,035 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,040 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,046 W/mK	EN 12667
Thermal Conductivity in 150 °C, λ_{150}	0,053 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,062 W/mK	EN 12667
Thermal Conductivity in 250 °C, λ_{250}	0,072 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,084 W/mK	EN 12667
Thermal Conductivity in 400 °C, λ_{400}	0,111 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,146 W/mK	EN 12667
Thermal Conductivity in 600 °C, λ_{600}	0,190 W/mK	EN 12667
Thermal Conductivity in 660 °C, λ_{660}	0,213 W/mK	EN 12667
Dimensions and Tolerances	T2	
MOISTURE PROPERTIES		
Water Absorption, Short Term WS, (W_p)	≤ 1 kg/m²	EN 1609
Water Vapour Diffusion Resistance	NPD	EN 12086
Chloride Ions, Cl-	< 10 ppm	EN 13468
SOUND PROPERTIES		
Sound Absorption	NPD	EN ISO 354
MECHANICAL PROPERTIES		
Compressive Stress at 10 % deformation CS(10), σ_{10}	NPD	EN 826

Appearance

Facing Material	Comfort facing

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