

PRODUCT DATASHEET



PAROC Fire Steel Protect N1AluCoat

Very rigid, stone wool slab with high fire performance. It is faced with a natural coloured glass tissue and glass fibre reinforced aluminium foil.

Fire insulation of steel structures.

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
Package Type

160 kg/m³
Plastic Packages on a Pallet

DIMENSIONS		
WIDTH X LENGTH		THICKNESS
600 x 1200 mm		20 mm
600 x 1200 mm		25 mm
600 x 1200 mm		30 mm
600 x 1200 mm		40 mm
600 x 1200 mm		50 mm
600 x 1200 mm		60 mm
According to EN 822		According to EN 823

PROPERTY	VALUE	ACCORDING TO
DIMENSIONAL STABILITY		
Dimensional Stability at Specified Temperature, DS(70,-)	≤ 1 %	EN 13162:2012 + A1:2015 (EN 1604)

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Combustibility	Base product non-combustible	EN ISO 1182
Fire protecting special applications. Normally a testing is needed for the specific product.		
MECHANICAL PROPERTIES		
Compressibility CP	NPD	EN 13162:2012 + A1:2015

Appearance

Facing Material	Aluminium and glass fibre tissue
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