

GRP Panel - EPS

GRP Roof Panel - EPS · NRP5-CTP

0.038

W/mK thermal conductivity

30 - 120

mm core thickness

1000

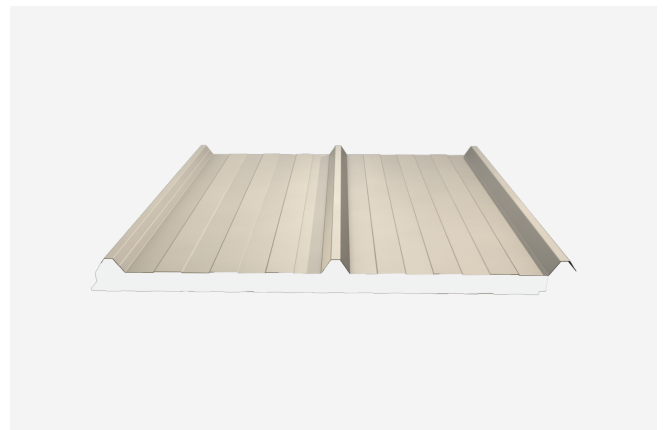
mm cover width

15.5

m maximum length

PRODUCT DESCRIPTION

GRP Panel - EPS is a roof panel with an outer facing of glass-fibre reinforced polyester (GRP). The GRP facing is chosen for environments where pre-painted steel does not withstand chemical attack: manure, ammonia and washing chemicals.



TECHNICAL PROPERTIES

Core material	EPS
Fire class	-
Thermal conductivity	0.038 W/mK
Core thicknesses	30 mm · 40 mm · 50 mm · 60 mm · 70 mm · 80 mm · 100 mm · 120 mm
Facing options	Polyester · CTP
Steel thicknesses	0.45 mm x 0.35 mm · 0.50 mm x 0.40 mm · 0.60 mm x 0.50 mm · 0.60 mm x 0.60 mm · 0.70 mm x 0.60 mm · 0.80 mm x 0.70 mm
Company certificates	ISO 9001 · ISO 14001 · ISO 45001 · TSE · YMB · CE

DIMENSIONS

COVER WIDTH	THICKNESS	MAXIMUM LENGTH
1000 mm	30 - 120 mm	15.5 m

FACING MATERIAL

EN 10143 · EN 10327

FACE	MATERIAL	THICKNESS	GRADE	GALVANISING
Outer	Steel sheet	0.45 - 0.80 mm	DX 51	100 - 110 gr/m ²
Inner	Steel sheet	0.35 - 0.70 mm	DX 51	100 - 110 gr/m ²

CORE MATERIAL

TS EN 14509 · TS EN 12667 · TS EN 13501-1

MATERIAL	DENSITY	THICKNESS	THERMAL CONDUCTIVITY	FIRE CLASS
EPS	12-16 kg/m ³ EPS	30 - 120 mm	0.038 W/mK	-

COATING

	REVERSE SIDE	PRIMER	TOP COAT	TOTAL FRONT
Polyester	7 microns	5 microns	15 microns	20 microns

STANDARD COLOURS



3020

5010

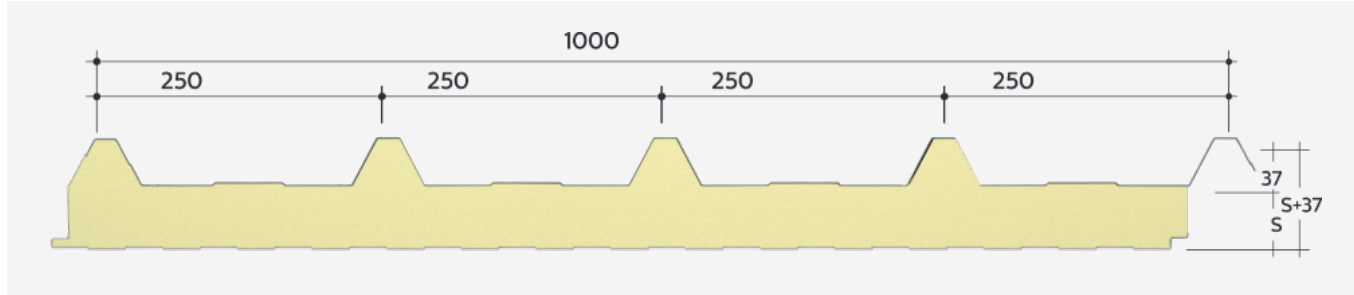
7016

9002

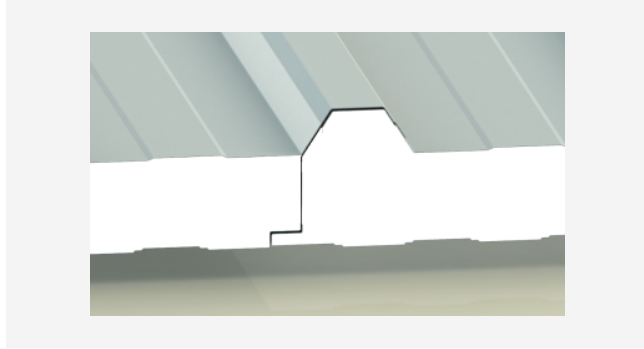
9006

Custom colours are produced from the RAL range.

PANEL SECTION



JOINT DETAIL



FOR INFORMATION

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