

CTP Panel - PUR

CTP Roof Panel - PUR · NRP5-CTP

0.022

W/mK thermal conductivity

40 - 100

mm core thickness

1000

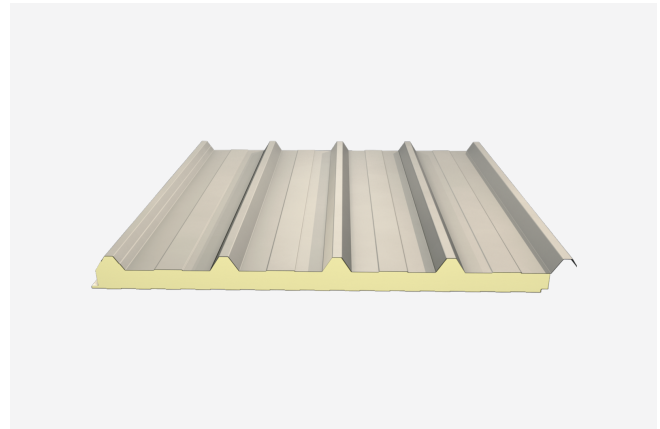
mm cover width

15.5

m maximum length

PRODUCT DESCRIPTION

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



TECHNICAL PROPERTIES

Core material	PU
Fire class	B-s2-d0
Thermal conductivity	0.022 W/mK
Core thicknesses	40 mm · 50 mm · 60 mm · 70 mm · 80 mm · 100 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

Sınıf PUR çekirdek içindir. Aynı panel PIR çekirdek B-s1-d0'dır.

DIMENSIONS

DESIGN	COVER WIDTH	THICKNESS	MAXIMUM LENGTH
5 Hadveli	1000 mm	40 - 100 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
PU	38-40 kg/m ³ PIR	40 - 100 mm	0.022 W/mK	B-s2-d0

COATING

	REVERSE SIDE	PRIMER	TOP COAT	TOTAL FRONT
Polyester	7 microns	5 microns	20 microns	25 microns

THERMAL TRANSMITTANCE AND WEIGHT

THICKNESS	U (W/m ² K)	WEIGHT (kg/m ²)	THICKNESS	U (W/m ² K)	WEIGHT (kg/m ²)
40 mm	0.51	9.5	70 mm	0.30	10.7
50 mm	0.41	9.9	80 mm	0.26	11.1
60 mm	0.35	10.3	100 mm	0.21	11.9

The U-value is calculated for the panel section with the surface resistances of EN ISO 6946; the fastener correction depends on the project. The weight is the nominal value for a panel with 0.50/0.50 mm steel facings.

STANDARD COLOURS



3020

5010

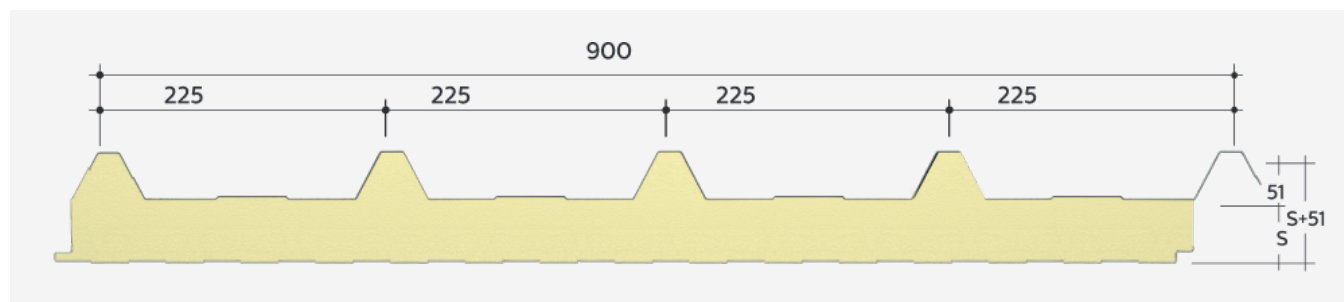
7016

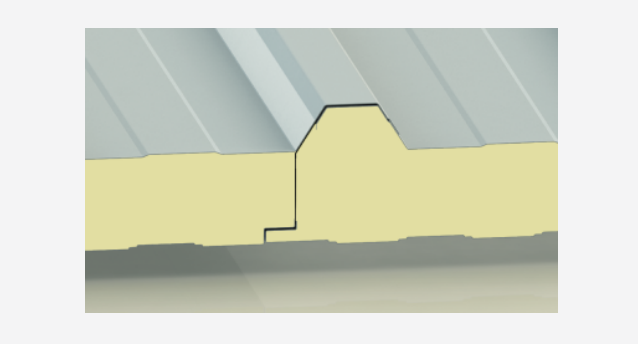
9002

9006

Custom colours are produced from the RAL range.

PANEL SECTION



JOINT DETAIL**FOR INFORMATION**

www.nuhpanel.com.tr

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This technical data sheet has been prepared according to the current technical information and standards of Nuhpanel Yapı Elemanları Sanayi Ticaret A.Ş. (Gebze, Kocaeli). The right to make technical changes is reserved.



Product page