

NARROW PANEL

Thanks to your narrow panels, which are produced in standard sizes of 30 cm, 40 cm, and 50 cm, our cold storage rooms can be extended by 10 cm without any loss. They are available in locked or unlocked options with thicknesses of (5 – 6 – 8 – 10 – 12 – 15 – 18 – 20) cm.



MEKANİK ÖZELLİKLER

FEATURES	VALUES
Yield Strength of Sheet Surface (fct)	min. 220N/mm ²
Tensile Strength of Panel	min. 0,018 Mpa
High Temperature Transverse Tensile Module	min. 0,04 MPa
Core Material Shear Strength (fcv)	min. 0,11 Mpa
Core Material Shear Modulus (G)	min. 2 Mpa
Core Material Compressive Strength (σ_{10})	min. 0,09 Mpa
Bending Moment Capacity and Rigidity – Flat (Mu)	min. 2,3 kNm/m
Bending Moment Capacity and Rigidity – Reverse (Mu)	min. 2 kNm/m
Torsional Stress Straight (σ_w)	115 Mpa
Torsional Stress Reverse (σ_w)	100 Mpa
Bending Moment Capacity on a Central Support – Straight	2,95 kNm/m
Bending Moment Capacity on a Central Support – Inverse	3 kNm/m
Torsional Stress Capacity on a Central Support – Straight	133 Mpa
Torsional Stress Capacity on a Central Support – Reverse	118 Mpa
PUR Thermal Conductivity Value ()	max. 0,022 W/mK
Dimensional Stability	Level DS(TH) 11
Inflammability Class (TS-EN 13501-1)	C-s2,d0

GENERAL FEATURES

FEATURES	VALUES
Panel Width (cm)	30 – 40 – 50 – 111
Panel Thickness (mm)	50 – 60 – 80 – 100 – 120 – 150 – 180 – 200
Panel Density	40±2 kg/m ³
Sheet Coating Types	Polyester – PVC – CrNi
Colour	RAL 9002
Pattern	Notched – Straight
Insulation	Polyurethane

BOYUTSAL TOLERANSLAR

FEATURES	VALUES
Thickness	± %4
Length	± 10 mm
Width	± 2 mm
Deviation from Miter	± 5 mm



Density



Fire Resistant



Heat Insulation



Water Moisture Resistant



Soundproofing



Soundproofing