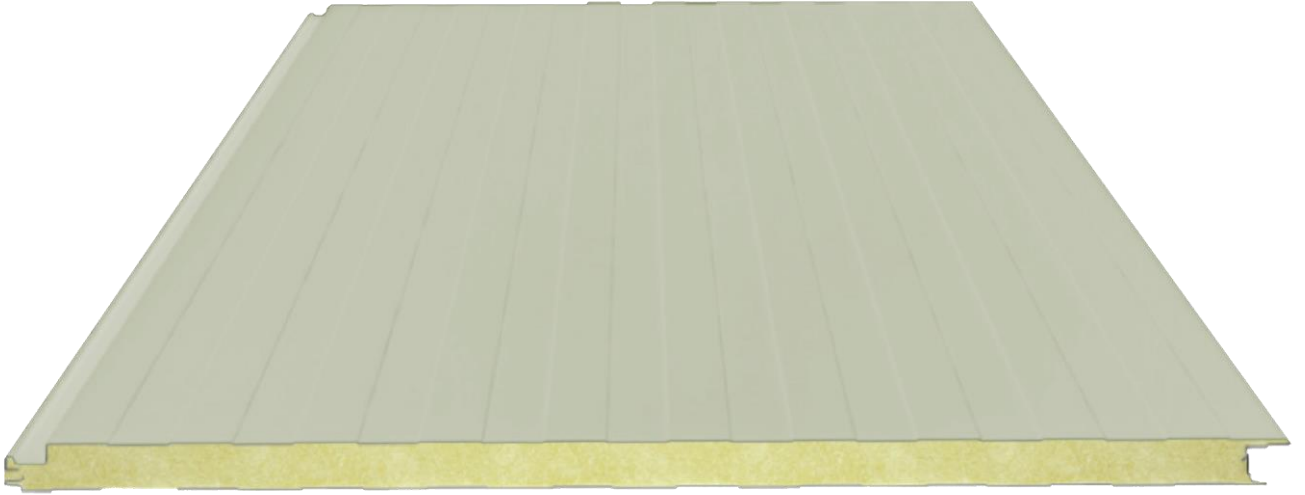


## Opti Outlet Wall Panel



### Product Information

Wall Sandwich Panel

### Üretim Yeri

İstanbul, İskenderun

### Uygulama Alanları

- Industrial Buildings
- Military Buildings
- Public Buildings
- Agricultural Buildings
- Sports Facilities
- Construction Site Buildings
- Silos
- Hypermarkets
- Shopping Centers
- Storehouse Halls
- Administrative Buildings

and all other concrete structures with steel or prefabricated load bearing systems.

## Performance Advantages

It has the good thermal insulation values.

Fast and trouble-free installation saves both time and labor.

Polyurethane does not retain water and does not harbor bacteria and insects.

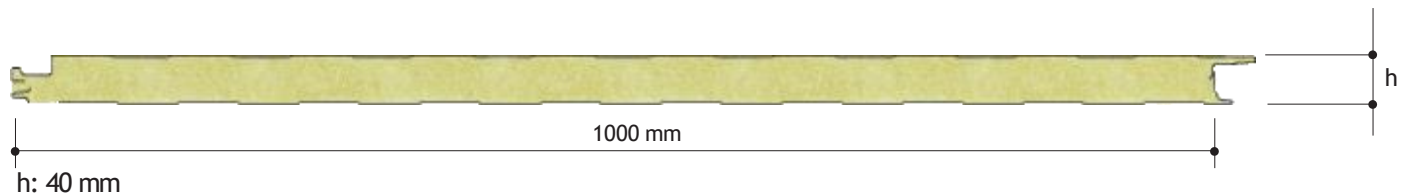
Thanks to n-Pentane which is used to inflate the Polyurethane, no damage is caused to nature.

Thanks to its colored surface, additional coatings such as plaster and paint are not required.

It can be applied both horizontally and vertically.

It provides a visual advantage on facades thanks to the hidden connection element.

## Measurements



<b>Favorable Width</b>	1000 mm
<b>Minimum Height</b>	3 meter
<b>Maximum Height</b>	13,5 meter

## Polyurethane (PUR)



<b>Polyurethane Density (EN 1602)</b>	33 ±6 kg/m <sup>3</sup>
<b>Polyurethane Density</b>	40 mm
<b>Thermal Conductivity (EN 13165)</b>	0,022-0,024 W/mK
<b>External Facing Thickness</b>	0,45-0,30 mm
<b>Internal Facing Thickness</b>	0,40-0,20 mm
<b>Steel Quality (EN 10327)</b>	Dx51 D+Z Prepainted Galvanized Steel (last coat polyester paint on primer)

## Thermal Conductivity Values

Thickness	Thermal Conductivity (W/m <sup>2</sup> K)	Thermal Resistance (m <sup>2</sup> K /W)	Thermal Resistance (ft <sup>2</sup> °F h/Btu)
40 mm	0,575	1,739	9,875

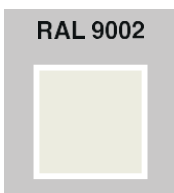
## Mechanical Properties

Steel Surface Yield Strength	Min. 0,018 Mpa
Panel Tensile Strength	Min. 0,095 Mpa
Compressive Strength of Core Material	Min. 0,018 Mpa

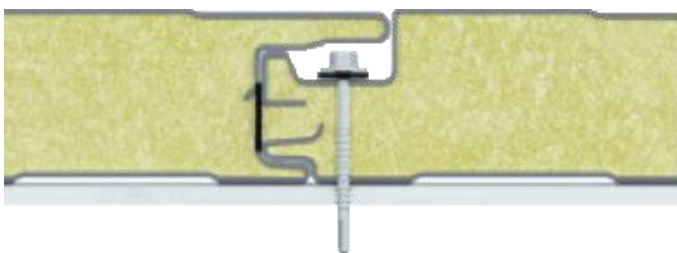
## Tolerance Properties

Panel Length	Panel Thickness	Panel Cover Width
If L ≤ 3000 mm, -±5 mm; If L > 3000 mm, ±10 mm	D ≤ 100mm ±2mm	±2 mm for all profiles

## Standard Colour Option



## Joint Details



## Transportation and Protection of Sandwich Panel

