



Roof Sandwich Panel

About us

At GarantiPanel®, we understand the critical role that roofing plays in the overall performance and efficiency of your structures. That's why we take immense pride in delivering top-notch roof sandwich panels that offer exceptional insulation, durability, and versatility.

Company Vision

Determination and Ability

In garantipanel we believe that determination linked to the ability to absorb change and continue developing in the face of disturbances and changing conditions.

Perseverance

The Master key of successful.

Commitment

To implement our goals as planned.

Creativity

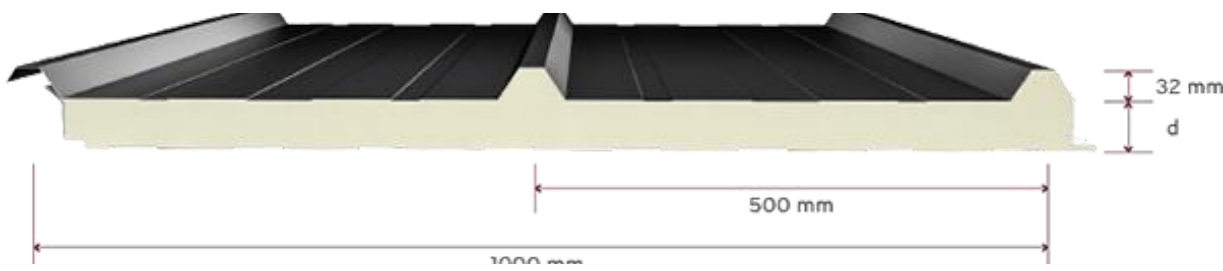
Provide non-traditional solutions.

Quality & Durability

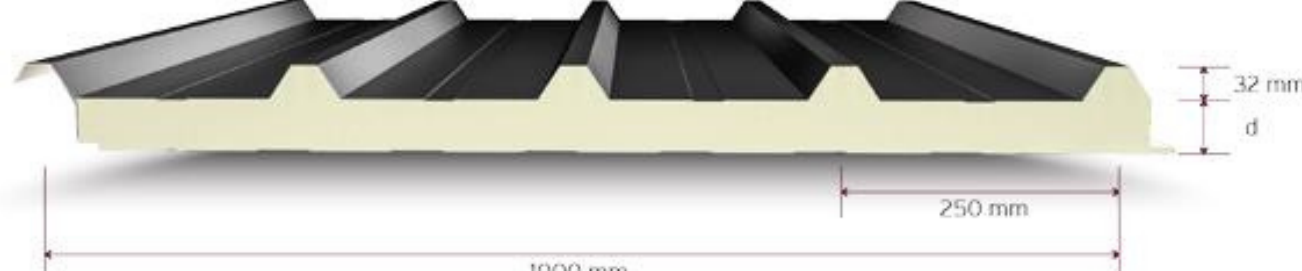
garantipanel.com.tr

Roof Panel Structure

3 Ribs Roof Panel



5 Ribs Roof Panel



Polyurethane (PUR)

A layer of rigid foam produced by joining polyol and isocyanate under special conditions of heat and pressure.

- Wide range for density: up to 40 Kg/m³.
- High Stability: from -40°C up to 80°C at density between 30 – 40 Kg/m³.
- High isolation: with water absorption of 0.20 after 168 hours, and thermal maximum conductivity 0.022 W/mK.
- Fire class: B s2 D0 (TS EN 13501-1).



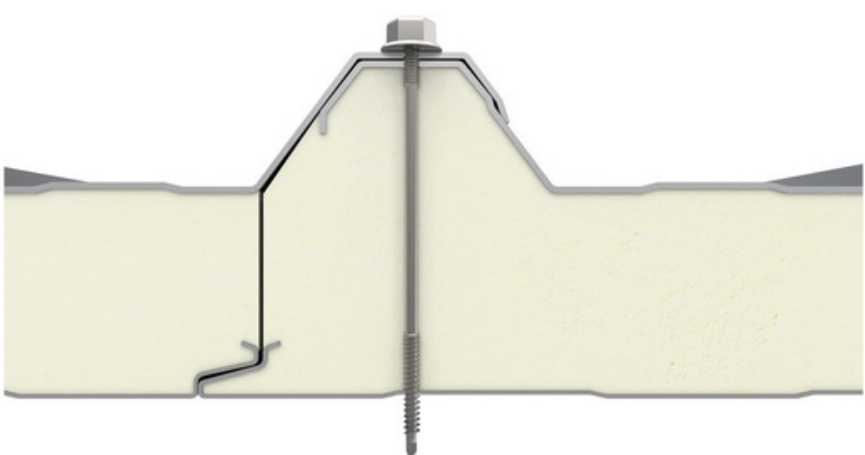
Inner and outer metal layers

Two layers of hot dip galvanized flat or embossed steel sheets by a continuous process accordance with EN 10142 Standard with Quality Norm of DX5, with a wide range of deferent colors are available in according to global Ral color system.

- Pre-painted aluminum by coil coating ensure the maximum lifespan up to 40 years.
- Wide range of choices for galvanizing steel thickness from 0.20 mm to 0.50 mm.

Span Table

Panel Thickness mm	Upper mm	Lower mm	weight (Kg/m²)	Panel width 1000 mm, Density: 40 Kg/m³, L/200, l=Span (cm)											
				100	125	150	175	200	225	250	275	300	325	350	400
3 Ribs PUR Roof Panel Distribution Load (k.g/m2)															
40	0,50	0,40	9,49	294	228	183	150	125	106	90	77	66			
50	0,50	0,40	9,89	354	275	222	184	154	131	112	97	84	73		
60	0,50	0,40	10,29	413	322	261	217	184	157	135	118	102	90	79	67
5 Ribs PUR Roof Panel Distribution Load (k.g/m2)															
40	0,50	0,40	9,82	326	252	203	166	138	117	99	84	72			
50	0,50	0,40	10.22	391	304	246	203	170	145	124	106	92	80	69	
60	0,50	0,40	10,62	457	356	289	240	202	173	149	129	112	98	86	76



Perfect Connection
Excellent Bearing

Key Features of GarantiPanel® Roof Sandwich Panels

1. **Superior Insulation:** Our panels are designed with advanced insulation technology to create a comfortable and energy-efficient roofing solution.
2. **Durable and Weather-Resistant:** Built to withstand various weather conditions, our roof panels offer long-lasting performance and minimal maintenance requirements.
3. **Versatility:** Whether you are constructing industrial facilities, commercial buildings, or residential projects, our roof panels are engineered for a wide range of applications.
4. **ISO and CE Certifications:** GarantiPanel® maintains rigorous quality standards, and our products hold ISO:9001, ISO:14001, ISO:100002 and CE certifications, assuring you of the highest quality and safety.



9001:2015



14001:2015



HEAD OFFICE

+ 90 850 302 0064

info@garantipanel.com.tr

MANUFACTURE

+90 532 015 96 05

sales@garantipanel.com.tr

ADDRESS

Sarayalti, Gazi Blv. Yanyolu, 64400 Merkez/Uşak, Turkey

EXPORT DEPARTMENT

+90 552 790 87 09



email: export@garantipanel.com.tr

website: garantipanel.com.tr

