

TECHNICAL DATASHEET

DATE: JANUARY 2026

FIBERGLASS
ISOVER
SAINT-GOBAIN



Rock Mineral Wool Panels

Isover rock wool panels offer excellent mechanical and functional performance for industrial applications, standing out for their high tensile and compressive strength, dimensional stability, and low water absorption, ensuring reliable behavior in demanding environments.

They also provide effective acoustic absorption and optimal thermal insulation, enhancing energy efficiency, operational safety, and sustainability.

SPECIFICATIONS:

- Density (kg/m³): 60 - 80 - 100
- Dimensions (mm): 600 x 1200
- Thickness (mm): 50 - 60 - 80
- Other specifications upon request.



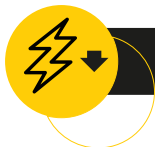
APPLICATIONS:

- Industrial equipment and accessories
- Exterior or interior tanks and vessels
- Process pipes and ducts at high temperatures
- Walls, partitions, and fire protection systems

FICHA TÉCNICA

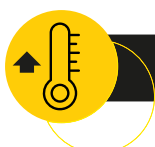
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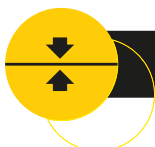
ENERGY EFFICIENCY:

Very low thermal conductivity at high temperature, enabling clear energy and fuel savings and reducing carbon footprint.



HIGH SERVICE TEMPERATURE:

Designed for service temperatures up to 750°C.



MECHANICAL RESISTANCE:

Robust for applications requiring high mechanical strength, such as pedestrian traffic.



REACTION TO FIRE:

Non-combustible, Euroclass A1.



REFERENCES

DESCRIPTION	DENSITY	DIMENSIONS:
Isover Rock Wool	D100	0.6 m x 1.2 m x 60 mm
Isover Rock Wool	D80	0.6 m x 1.2 m x 50 mm
Isover Rock Wool	D60	0.6 m x 1.2 m x 80 mm

TECHNICAL CHARACTERISTICS

THERMAL	°C	CONDUCTIVITY VALUES
Temperature	50°C	0.036 W/(m·K)
	100°C	0.047 W/(m·K)
	200°C	0.063 W/(m·K)
	300°C	0.084 W/(m·K)
	400°C	0.110 W/(m·K)
	500°C	0.143 W/(m·K)
	600°C	0.182 W/(m·K)

THERMAL RESISTANCE	50 mm	60 mm	80 mm
@50°C:	R = 8	R = 9	R = 13

NOTES:

- Values are typical and may change without prior notice. The user must verify suitability for specific applications.

