

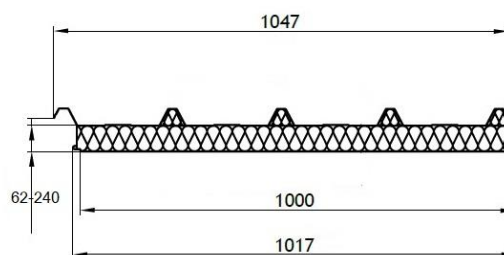
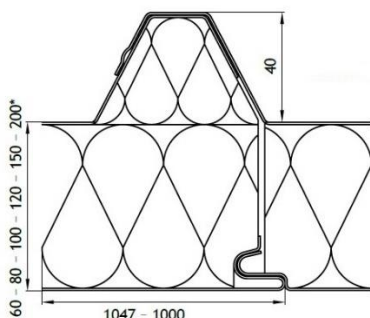
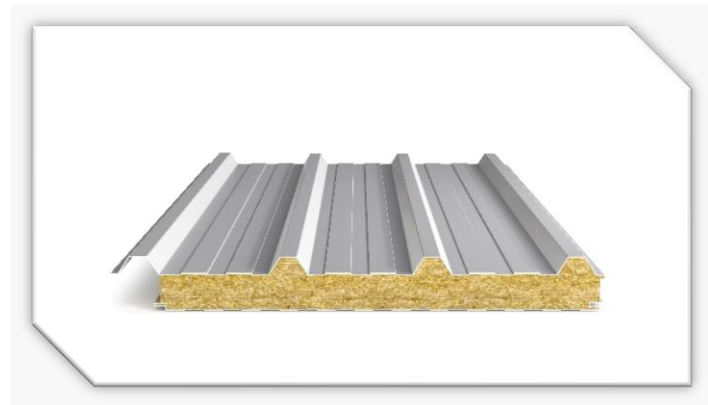
ROOF PANEL BASALT PLUS

Roof steel sandwich panel with basalt rock wool insulation with roof fasteners



Properties:

- High density basalt rock wool core provides excellent thermal insulation for buildings
- Non-flammable. Roof panels BASALT+ can be used in projects which require above-standard fire protection ratings.
- Outstanding sound insulation provide extra comfort regardless of rain or hail.
- 5 Ribs trapezoidal metal sheet, supplemented by large core thickness, provide above load-bearing capacity and durability.
- Outer polymer coating guarantee long lasting protection of metal and impeccable building exterior



Description:

Roof sandwich panels BASALT PLUS

Together with our wall sandwich panels for external and internal walls, Roof sandwich panels BASALT PLUS form a complex solution for all building types.

In addition to three qualities mentioned above load-bearing capacity and durability are significant properties for roof sandwich panels. Roof insulated panels are used for more than 10% pitched roofs. The main distinguishing feature of wall and roof basalt sandwich panel is that the latter have stiffening cleats as well as a specific seam lock. The primary function of this lock is to effectively remove moisture from the attachment fittings. It results into a completely hermetic seal.

The vast range of TPK wall and roof sandwich panels creates great opportunities for design. Metal sandwich panels from TPK amaze with the color palette that include popular shades as well as customer-oriented unique coverings of the metals. TPK finds quality a main priority that is why both roof and wall sandwich panels are made of prime thin polymer-coated steel sheet.

What are Actual Benefits of the Sandwich Panels with Mineral-Wool Core?

In the brief list below, we highlighted advantages of the mineral-wool core sandwich panels which actually cause their great popularity:

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- Outer polymer coating guarantee long lasting protection of metal and impeccable building exterior
- Available in lengths up to 12m (subject to transport limitations).
- Weight (These metal sandwich sheets allow you to reduce cost for foundation work since weighing is shortened by several times. Moreover, you can save on delivery and loading of the material which makes their price even more worth).
- Construction work is simple as well as it doesn't take much time.
- There is no need of any extra decorations after construction as sandwich panels are good-looking.
- Quality and safety certificates confirm that the material may be applied in the food industry or in medical institutions.
- Last and not the least is affordable price. Compared to other typical building materials, insulated sandwich panels are cheaper for the customers. Furthermore, the speed of construction work is 4-5 times higher.

Applications:

High fire-resistant roof panels BASALT PLUS can be exploited to construct for more than 10% pitched roofs:

- shopping centers
- industrial buildings
- warehouse complexes
- transport infrastructure facilities

Specifications:

Core thickness [mm]	62/102	80/120	100/140	120/160	140/180	150/190	160/200	190/230	200/240	240/280
Core	Rigid mineral wool (nominal apparent density: 110 kg/m ³)									
Effective width [mm]	1000									
Panel length [mm]	2000 to 12 000									
Cladding thickness [mm]	0.4 / 0.5 / 0.6 / 0.7									
Coat	PE/PEMA, PVDF, FOOD SAFE, PURAL®FARM, PURAL®									
Weight [kg/m ²]	15,61	17,59	19,79	21,99	24,19	25,29	26,39	29,61	30,79	35,19
External fire performance	Fire-resisting									
Fire resistance	-	-	-	RE30						

Profiling:



Color options:

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