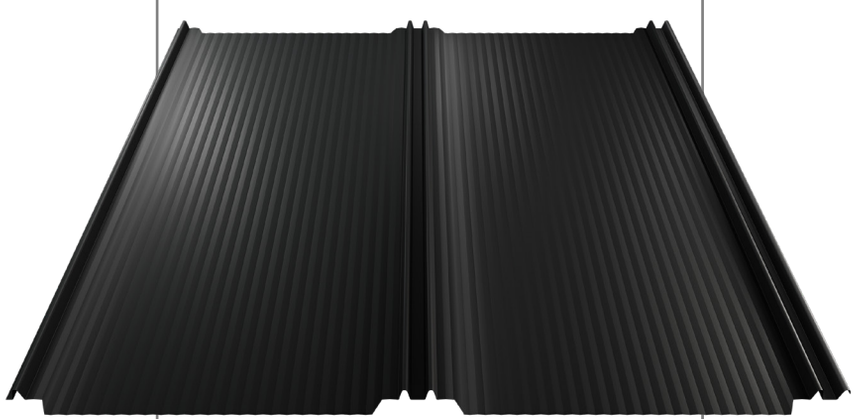
T-Panel

T-PANEL



product data sheet

Blachotrapez Sp. z o.o.
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Wysokość kapitału zakładowego 181 450 100, 00 PLN, Sąd Rejonowy dla Krakowa-Śródmieścia Wydział XII Gospodarczy KRS 0000370357

General Information

A product with an original design combining a roof panel with trapezoidal metal sheet. T-panel is a roofing which meets not only functional but also aesthetic and architectural standards. Tailored to the needs of the modern customer, it will fit in perfectly with the surrounding architecture.

Advantages and characteristics

Double ribbing stiffens the panel and dissipates the stress caused by thermal expansion of the sheet. The panel provides a pleasing visual effect. Two types of surface available: smooth (aluminium profile) and nano-wave (steel profile).

T-panel is an economical and lightweight roof covering that does not weigh down the roof structure. This type of covering is ideal for residential buildings, offices and even utility buildings.

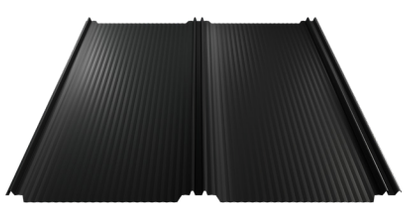
Technical details

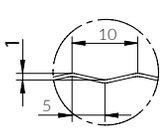
Due to technological reasons, the last sheet may have a straight cut. It results from the technological process and is not a product defect.

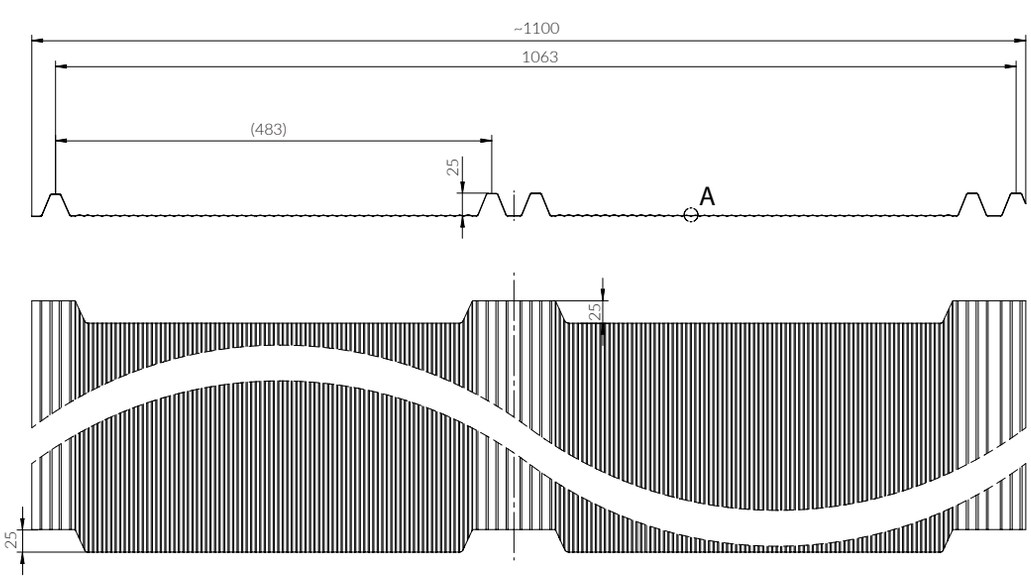
Total width:	**~1100 mm**	Minimum sheet length:	**1400 mm**
Cover width:	**1063 mm**	Recommended length:	**max 8000 mm ***
Thickness of the finished product (steel):	**0,5 mm**	Depth of profile:	**25 mm**
Thickness of the finished product (aluminium):	**0,6 mm**		

* Blachotrapez is not responsible for mechanical damage caused during transport in sheets longer than the ones recommended in the Technical Specifications of the Profile. Ordering sheets longer than recommended increases the risk of damage during transport, processing and assembly. Sheets longer than recommended may be deformed. This is due to the production technology and the expansion of the material under the influence of temperature amplitude.

T-Panel — dimensions and welt, Cross-section.







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Application

T-Panel is delivered as prefabricated elements and used in construction for roofs with a pitch of at least 9°. T-Panel should be used in accordance with the technical designs of the buildings, manufacturer's installation instructions and recommendations, applicable standards and technical and construction regulations.

Blachotrapez recommends to purchase all materials required for one investment under one purchase order. Otherwise it is possible that the colour shades and texture will vary which shall not be attributable to the Manufacturer.

The applied material has a wide range of applications due to the environmental classification, which is confirmed by a long warranty period depending on material (see the separate warranty form uploaded to our website www.blachotrapez.eu).

Research results / documentation

The T-Panel has a Declaration of Performance drawn up in accordance with the applicable standards and regulations for construction products.

We also have a Hygienic Certificate issued by the National Hygiene Institute PZH. These documents are issued to implemented orders. In order to obtain them, please contact the Quality Control Department - the scheme of procedures is provided on our website.

Assembly

T-panel is installed the same way as trapezoidal metal sheets. T-panel is laid overlapping and fastened to the structure with special screws. They provide a tight connection with the metal sheet. A roof made in this way retains all its properties for many years, ensuring a presentable appearance and functionality.

During installation and operation of the T-panels for each type of sheet metal, it is possible the waving effect may occur on the flat surfaces of the sheet metal. Such a sheet takes the shape of the roof substrate. Waving is a natural and frequent phenomenon. This is due to the production and installation technology of these sheets, their thermal expansion and the phenomenon of light reflection. This effect, however, can be reduced with nano-waves. To further minimise the ripple effect, the T-Panel should be installed on a very carefully constructed and levelled substrate, in accordance with the rules of the trade and the installation instructions. Using a matt coating provides a positive effect (less light reflection).

It is also natural for the T-Panel to make some noise in windy conditions. A hairy membrane, soundproofing tape, structural matting or other materials can be used to reduce this effect.

Additional information

For all types of profiles we have properly prepared instructions for transport, storage, cutting and maintenance of sheet metal. To familiarize yourself with the content, please visit www.blachotrapez.eu and contact our Technical and Trade Consultants or branches of our company - addresses can also be found on our website.

We also hold numerous awards and certificates, which can be viewed on our website: www.blachotrapez.eu.

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