



Metal tile sheet

German Simetric



Product
data sheet



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i zobacz model 3D



General information

German Simetric is a symmetric, modular roofing sheet, liked by our Customers for its modern and attractive look, and by roofers - for the ease of assembly. Investors, valuing highly a classic visual effect, will appreciate German Simetric for the traditional appearance of the roofing sheet. The stylish, simple form with double ribbing, draws in its shape on ceramic roof tiles, responding to the current trends and emphasising the character of the building. The newly-developed German Simetric will be a suitable choice not only in new construction sector, but also for roofs of old buildings. The roof covering is available in bronze, red, green and grey, offering a wide range of available choices both in the scope of realisations of modern buildings and concerning the possibility of reconstruction of the original appearance of old buildings. The highest quality of covering is provided by complete systems of finishing elements, flat sheets, seals, and fasteners.

Advantages and characteristics

What undeniably distinguishes the new product of the Blachotrapez company is precision - modularity and lightness. Precision, solidity and classic beauty - this is the best summary of the new German Simetric roofing sheet. Now, even complicated roofing constructions will be a reliable protection for you and your family for long years to come.

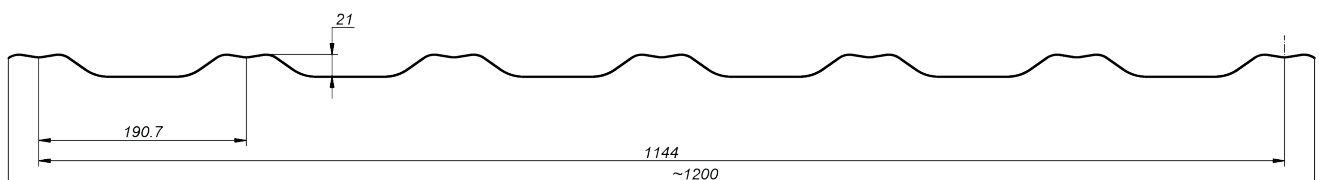
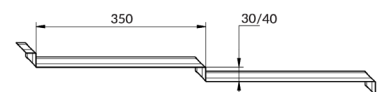
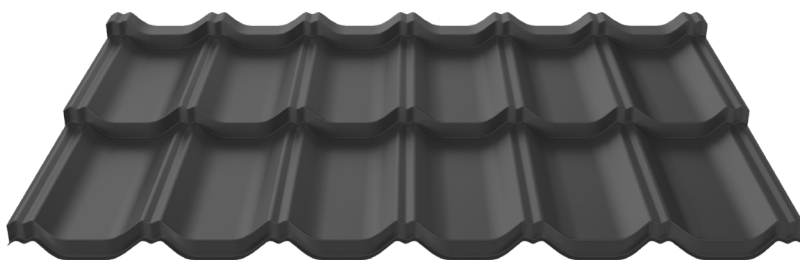
German Simetric allows covering of even very complex roofs. That translates into the economics of coating - during the assembly, an optimal number of sheets can be used without the necessity of frequent cutting. Conjoining raw material of the highest quality with exact measurements guarantees leakproofness and many years of durability of the covering. The roofing sheet may be used in sloping roofs with min. inclination of 14 degrees. The product is available with the following tile rib height: 30 /40 mm and the module length of: 350 mm.

Technical details

Total width:	~1200 mm	Height of the tile step- offset:	30 /40 mm
Cover width:	1144 mm	Profile depth:	21 mm
Thickness of the finished product (steel):	0,5 mm	Step length - Module:	350 mm
Thickness of the finished product (aluminium):	0,6 mm	Minimum sheet length:	720 mm
Pitch:	190,7 mm	Maximum sheet length:	5970 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.

German Simetric - Dimensions, longitudinal section.



Application

Metal tile sheets are delivered in the form of ready-made elements, and are used for roofing with a slope of not less than 14°. For Colorcoat HPS200 Ultra® the minimum roof slope is 11°. These sheets are used as finishing and safety elements in buildings. Tile sheet must be used in accordance with technical projects of buildings, and the manufacturer's installation instructions and recommendations, standards and technical and construction regulations.

Remove the anti-condensation barrier at the joints between the sheets and butting up to the eaves by cutting, so that water and moisture from the outside is not absorbed into the layer of material.

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

All of our products have a Declaration of Performance made on the basis of Standards and Regulations related to construction products in force.

We also have Hygienic Certificate No. B-BK-60211-1315/19 issued in 2020 by the National Institute of Hygiene (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.

SPS

We inform that to meet customers' needs, Blachotrapez has introduced a global-scale unique technology known as SPS - Safe Profiling System. The implementation of an innovative profiling system of metal sheet was made possible through many years of observations, analyses and research conducted by our experts in cooperation with suppliers of steel, and new technologies. It is worth noting that the SPS system is patent protected as an innovative solution on the market.

The technological SPS process allows profiling steel material under optimum climatic conditions - independent of the ambient temperature. With its use, raw materials can be perfectly plasticised, and this especially goes for paint coatings. Key benefits that SPS technology brings is primarily acquisition of such properties and parameters that increase the durability of the material supplied by our company and the quality of its execution. The applied technology makes the coating material extremely resistant to the destructive effects of external factors, corrosion and damage. Simultaneously, it does not lose its properties, ensuring effective roof protection and high aesthetic values for many years to come. Owing to all these factors, resulting from the application of SPS, we have achieved the greatest success - extension of the warranty period.

The innovative SPS technology was first used in a production process at Blachotrapez already in 2014, when we extended the warranty period for our key vendor - ThyssenKrupp Steel Europe.

We can fully recommend the SPS system as a technology that allows achieving the highest durability of sheet metal and increasing resistance to corrosion and damage. The roof will have its functions for a longer time, ensuring comfort to its residents.

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 have numerous awards and certificates for both our raw materials and ready-made products, which you can read on our website www.blachotrapez.eu