

BASWA Core acoustic panel

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Product description and application areas

BASWA Core consists of thermally conductive aluminium profiles in which inserts of highly sound-absorbing mineral fibres are integrated. This ensures energy transmission in thermoactive component systems (water-guided concrete core temperature control). The system is fully assembled and seamlessly coated with BASWA acoustic coatings.

Product details

Material	Aluminium and glass wool
Article numbers	24 mm : a 366 44 mm : a 365
Sizes	24 mm : 513 mm x 800 mm = 0,4104 m ² (active area) 44 mm : 505 mm x 800 mm = 0.404 m ² (active area)
Hickness	24,44 mm
Consumption per m²	24 mm : 2.44 panels pro m ² 44 mm : 2.48 panels pro m ²
Weight	24 mm : 2.75 kg/ panel 44 mm : 3.6 kg/ panel
Storage	The panels must be protected from temperatures above 40 degrees, moisture and direct sunlight.

Delivery

Delivery format	Euro-palett
Delivery information	Improper transport can cause damage. The plates must be protected against mechanical influences and loads.

For further delivery information please contact BASWA acoustic AG, T +41 (0)41 914 02 22.

Installation:

1. Apply BASWA's prescribed full-surface plate adhesive with a 6x6 mm notched trowel to the back of the BASWA Core plates.
2. Adhere panels linearly on the substrate (with slight unevenness of max. 5 mm also glue floating).
3. Snap the Core elements onto the connection straps provided for this purpose and push them fully into each other. This guarantees a secure bond and the best possible heat conduction.
4. Then mechanically attach the panels to the substrate under the freely visible mineral wool strip using concrete screws or a suitable bolt-firing tool. **(The maximum permissible drilling depth for the concrete screws/nails is to be observed due to the concrete covering of the underground pipelines. Damage to the pipes must be avoided at all costs. Drill with spacer.)**
5. Connections to walls, installation platforms, edge profiles etc. must be made with BASWA Phon acoustic panels of at least 10 cm width.
6. The surface is then fully coated with BASWA Fill Core and sanded to a flat surface after the drying time has been observed.
7. Finally, the surface is coated with 2 layers of BASWA Acoustic Plaster seamlessly.

Disclaimer

The previously mentioned data, in particular the suggestions for the processing and application of our products, are based on our knowledge and experience in the normal case, prerequisite is that the products have been correctly stored and used. Because of the different materials, surfaces and deviating working conditions, no guarantee of the result of the work can be given, or liability be placed, regardless of the legal relationship, neither from these instructions, nor from verbal advice, unless we are culpable of intent or gross negligence. Hereby, the user must prove that he /she has provided punctual, complete written knowledge to BASWA in order for BASWA to attain a correct and successful evaluation. Upon receipt, the user must check the products for their suitability for the envisaged application. Changes to the product specifications remained reserved. Observe the protection rights of third parties. Furthermore, our respective sales and delivery conditions remain applicable. The current product data sheet is applicable and can be requested from us.