

PRODUCT SPECIFICATIONS

Agri-coating
Available with agri-coating for long lifespan in agricultural environment.

Fireproof
Available with fire-resistant properties and classified as fire class B-s2, d0.

Save+
Suitable for (food) storage areas with the required high insulation values and airtightness.

Foodsafe
Special edition for the food industry. The coating complies with the prescribed hygiene regulations.

PV suitable
This sandwich panel is suitable for solar panel installation.

FM-gecertificeerd
This sandwich panel is FM certified.*

Zulassung
This product complies with the German Zulassung.

* If you would like the FM certificate on your order, please make this known with your order so that we can take this into account during production.

CERTIFICATES

Member of European Association for Panels and Profiles

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ABOUT FALK BUILDING SYSTEMS

FALK Building Systems manufactures insulated metal panels that can be used for roofs, walls, and facades. These sandwich panels are a sustainable and versatile roofing and facade solution, and highly determine the identity of your building. However, at FALK you determine this identity. Especially, now that you can choose a circular sandwich panel that comes with our CradleCore® insulation core. On top of that, you can also pick your roof or wall colour, the insulation value and type of coating, yourself.

By operating two production lines, FALK can quickly and adequately deliver the right products at the right location. In recent years, millions of square metres of FALK panels have been mounted on utility buildings, houses, barns, showrooms, and all other building types.

FALK, clever construction for a circular future.

100% MADE IN HOLLAND



WIDE APPLICATION
ROBUST PANEL!

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PRODUCT SPECIFICATIONS

FALK 1000 TR

The insulated trapezoidal profile for roof and facade

With the FALK 1000 TR you can make your building wind and waterproof at lightning speed. This trapezoid panel is also a clever product that provides optimal insulation. Result: a comfortable indoor climate.

Symmetrical, sleek and robust

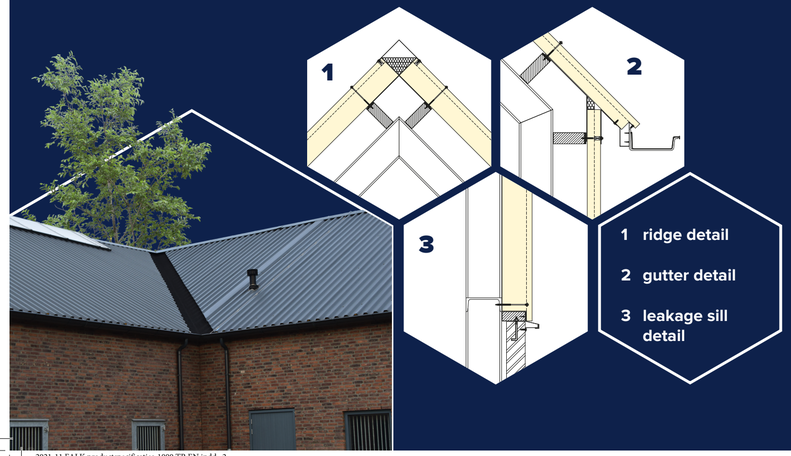
The FALK 1000 TR is a real eye-catcher with its symmetrical, sleek and robust appearance. Thanks to the trapezoidal profiling and the low dead weight, the panel effortlessly bridges large spans. That is why this panel is often used on a pitched roofs or as facade cladding. This panel is available in a length up to 25 meters and we can deliver it to your construction site.

Choose from numerous coatings

With the FALK 1000 TR you can create the desired appearance for any renovation or new construction project. You can choose from a rich palette of coating colours. Coatings on the inside of the panel can be selected for specific indoor situations, such as the food industry or the agricultural sector. Depending on the circumstances, we offer a coating guarantee of up to 40 (!) years.

Fire tested and FM Approved

The panel is fire tested and classified according to current European standards, which makes it easy for you to select the right product for your project. The panel also has the international FM Approved quality and safety mark, which is required by some insurance companies. Please note: if you require panels with FM Approved certification, you must indicate this in advance.



FALK 1000 TR

PRODUCT SPECIFICATIONS

* available upon request

Core thickness [mm]	**Total height** [mm]	**R-value** [m²K/W]	**Rc-value** [m²K/W]	U-value [m²K/W]	**Weight*** [kg/m²]	**Fire class** [-]	**Fire resistance** [min.]
40	75	2,19	2,16	0,46	10,5	B-s2,d0	EW30
50 *	85	2,65	2,61	0,38	10,9	B-s2,d0	EW30
60	95	3,08	3,05	0,32	11,3	B-s2,d0	EW60, EI20
80	115	4,02	3,99	0,25	12,1	B-s2,d0	EW90, EI30
100	135	5,01	4,92	0,20	12,9	B-s2,d0	EW90, EI30
125	160	6,10	6,06	0,16	13,9	B-s2,d0	EW90, EI30
150	185	7,20	7,17	0,14	14,9	B-s2,d0	EW90, EI30

STANDARD VERSION

Working width:	1.000 mm
C.t.c. distance crowns:	200 mm
Profile height:	35 mm
Core Insulation:	PIR-isolation foam (CradleCore® available upon request)
Coating:	Outer side: Colorcoat HPS200 Ultra® (other coatings available upon request) Inner side: Polyester 25 mu (other coatings available upon request)
Steel thickness:	Outer sheet: 0,5 mm (standard) Inner sheet: 0,4 mm (standard)
Minimum length:	2.500 mm (shorter available upon request)
Maximum length:	25.000 mm
Packing:	2.500 mm (shorter on request)
Sound Insulation:	25.000 mm
Application:	Supplied with protective foil (optional)
CE-marking:	Approximately 25 dB(A)
Tolerances:	Available in the same profiling from core thickness 40 mm to 80 mm
Application:	
CE-marking:	NEN-EN 14509
Toleranties:	NEN-EN 14509

CROSS SECTION

Panels with a core thickness of 100 mm or more, have a tongue-and-groove connection. These panels offer more support, are better positioned, and create better airtightness.

