

# Product Portfolio

Your single stop for sustainable system solutions



# All in one place

So that you can make reliable and sustainable plans right from the very beginning, we offer system solutions featuring the most up-to-date components for industrial and commercial construction – all from a single source. Our product portfolio and our services serve as the foundation for demanding projects with challenging requirements in terms of flexibility and individuality.

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Finished to the highest quality and optimally tuned to your requirements, our product portfolio facilitates cost-effective and sustainable construction with high standards for aesthetics.

**Zeremis®**  
Working together  
towards an emission-  
free, circular world.

# Fischer Profil

## Partner for sustainable construction

As a company of the Tata Steel Europe, we've embarked on the biggest and most ambitious journey in our company's history to date – the Zeremis® Journey.

Zeremis – short for zero emissions – is a promise to the planet to become carbon-dioxide-neutral by 2045. The Zeremis® brand represents the path Tata Steel Nederland is taking along with its subsidiaries towards a recycling-oriented world free from carbon dioxide emissions.

Sustainable trading means taking ecological, economic and social cultural aspects into consideration equally so that subsequent generations can enjoy an intact environment and therefore equal opportunities.

**The construction and building economy accounts for 38 percent<sup>1</sup> of global CO<sub>2</sub> emissions and is already facing major challenges today that will inevitably intensify when it comes to complying with climate goals.**

So that our customers can plan in a way that is socially acceptable with lasting value, our highly qualified employees, alongside long-standing partners, develop products and system solutions for sustainable lightweight metal construction. We're aware of our responsibility towards people and the environment, so we've made the changes necessary for a more sustainable and strategic focus for 2022. We've set ourselves the ambitious goal of becoming climate-neutral at our Netphen-Deuz site by 2030. In doing so, we're aligning ourselves with UN's 17 goals and the operating principles of the Federal Government of Germany.

Goals we can achieve together with you.



**ZIELE FÜR  
NACHHALTIGE  
ENTWICKLUNG**

<sup>1</sup> Uno Report "2020 GLOBAL STATUS REPORT FOR BUILDINGS AND CONSTRUCTION"

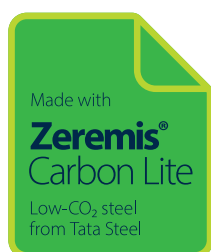
# CONSTRUCTING OUR FUTURE

## Our contribution to climate reversal

Since we take climate protection as a company challenge very seriously, we develop product solutions for the construction of sustainable industrial buildings. These allow you to optimise the CO<sub>2</sub> footprint of your projects in a targeted way. Starting with the use of green steel – which can already achieve a CO<sub>2</sub>e reduction of up to 90% today – to system solutions for façade and roof greening or solar application on our sandwich elements. The foam of our elements consists of up to 40% of post-industrial recycled contents and the flame retardant we use is halogen-free. In addition to top heat-insulating properties and span widths, we can also offer you a range of coating variants with guarantees of up to 40 years. All this allows us to organise projects both efficiently and sustainably.







## Zeremis® Carbon Lite

### Certified CO<sub>2</sub>e savings

The Zeremis Carbon Lite solution from Tata Steel allows you to achieve CO<sub>2</sub>e savings in your Scope 3 emissions. Carbon Lite is based on CO<sub>2</sub>e savings projects along the supply chain and is reviewed by the DNV (Det Norske Veritas).

- It allows you to immediately improve your carbon dioxide balance.
- A flexible solution that allows you to select the CO<sub>2</sub>e-intensity reduction you need.

## Fischer product portfolio with CO<sub>2</sub>-reduced steel

### Enact change

As a company of Tata Steel Europe, we're part of the Zeremis® journey. A promise to our planet.

In the course of our new sustainability strategy and to support our common goals, we offer all our products and system solutions with the option of CO<sub>2</sub>e-reduced steel.

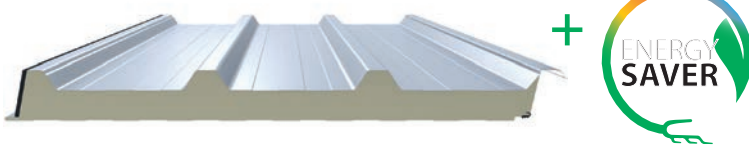
**Familiar quality. Less CO<sub>2</sub>.**

# FischerTHERM®

## Roof and wall elements

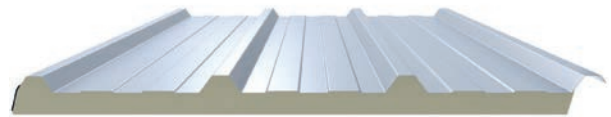
FischerTHERM® is subject to general construction inspection licence Z-10.4-901 and meets all requirements of product standard DIN EN 14509.

The sandwich elements consist of two covering layers made of surface-coated steel, and a core made of rigid polyurethane foam between these layers. The prefabricated elements can be assembled easily and quickly.



## FischerTHERM® D

**FischerTHERM D sandwich roof elements are available in thicknesses from 70 to 180 mm (centre thickness 30 – 140 mm).**



- Due to their light weight and great rigidity, large gaps between supports are possible.
- All FischerTHERM roof elements also have excellent heat insulation and are airtight.
- The DUO seal (Energy Saver) can be installed on the factory side and makes further energy savings of up to 10 percent possible.
- FischerTHERM DL 140 IB is inspected in accordance with DIN 18234-1 and thus satisfies the industrial building directive.

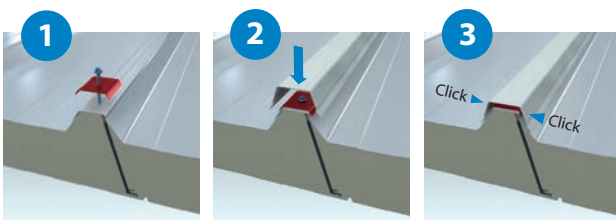
## FischerTHERM® Eco D

**FischerTHERM Eco D sandwich roof elements are available in a thickness of 70 mm (centre thickness 40 mm).**

FischerTHERM Eco roof elements for industrial and commercial construction stand out for their light weight.

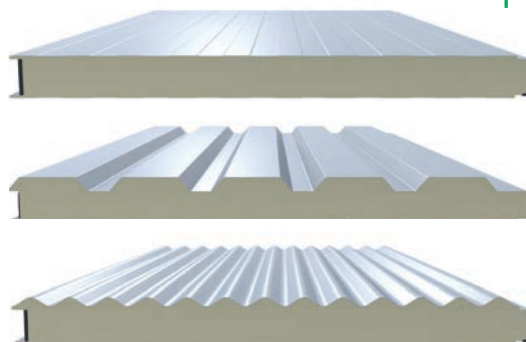
- The exterior of the light components consists of surface-coated steel.
- The interior is equipped with a thin aluminium foil.
- FischerTHERM Eco D boasts the same heat insulation as our FischerTHERM roof elements.
- Compared to regular sandwich elements, FischerTHERM Eco D is considerably more cost-efficient.

## FischerTHERM® plusroof



FischerTHERM plusroof is a great choice if you want to hide any visible seal screws in your roof elements.





## FischerTHERM®

FischerTHERM T/FischerTHERM W

**FischerTHERM D sandwich elements are available in thicknesses from 40 to 120 mm.**



## FischerTHERM® plus

**FischerTHERM D sandwich elements are available in thicknesses from 60 to 140 mm.**

- The plus joint hides the fastening points
- The prefabricated elements can be assembled easily and quickly
- The recommended maximum length is 16 metres.
- Available in several different surface profiles (micro-lining, combi-lining, etc.)
- Optional Xtrem-lining on the interior for large gaps between supports
- Available in several coating variants and with the premium coatings from Colorcoat®
- The DUO seal (Energy Saver) can be installed on the factory side and makes further energy savings of up to 10 percent possible.

- Available in several different surface designs (micro-lining, combi-lining, etc.)
- Optional Xtrem-lining on the interior for large gaps between supports
- FischerTHERM T is available in 95 and 135 mm
- FischerTHERM W is available in 100 and 120 mm
- The recommended maximum length is 16 metres.
- Available in several coating variants and with the premium coatings from Colorcoat®
- The DUO seal (Energy Saver) can be installed on the factory side and makes further energy savings of up to 10 percent possible.



# Outer and inner shell surface designs

For the particular façade aesthetics of your projects

## Outer shell (A side)

## Inner shell (B side)

Element identifiers	L	S	M	V	K	E	W	T	D		L	E	X
FischerTHERM 40, 60, 80, 100, 120	●		●	●	●	●					●	●	●
FischerTHERM plus 60, 80, 100, 120, 140	●	●	●	●	●	●					●	●	●
FischerTHERM T 95, 135								●			●		
FischerTHERM W 100, 120							●				●	●	
FischerTHERM D 70, 80, 100, 120, 140, 160, 180									●		●	●	

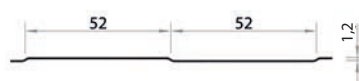
1. Letter = Outer shell (A)

2. Letter = Inner shell (B)

The outer sides for the EE and EL designs should only be selected from Colorcoat HPS200 Ultra®.



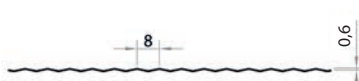
L = Lining



S = Flanging



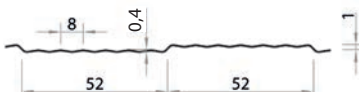
M = M8 micro-lining (8 mm)



V = V16 micro-lining (16 mm)



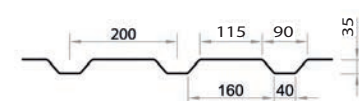
K = Combi-lining



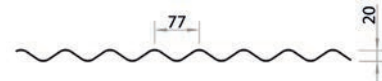
E = Even



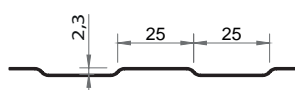
T = Trapezoidal profiling  
Wall element T



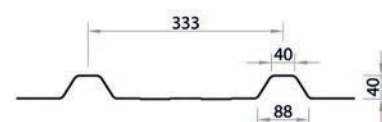
W = Shaft profiling  
Wall element W



X = Xtrem-lining (maximum span widths)  
(only available for B side)



T = Trapezoidal profiling  
Roof element D





## FischerTHERM® Design

### Even façade element for demanding situations

The tried and tested façade system boasts excellent heat protection and unmatched airtightness and leaves plenty of wiggle room for aesthetically demanding and sustainable architecture. FischerTHERM Design therefore offers architects and planners an economical alternative for putting their ideas into action – for aesthetically demanding buildings.

This is made possible by an even surface design in combination with the new premium coating Colorcoat Prisma® with the elegant, natural metal hues of the Tata Steel elements series.



## FischerTHERM® Design

**FischerTHERM D sandwich elements are available in thicknesses from 60 to 140 mm.**

- The elements are fastened in such a way that they are hidden.
- Completely even surface design in combination with the Colorcoat Prisma® premium coating
- The recommended maximum length is 16 metres.
- The design façade is topped off with an extensive range of accessories, such as moulded corner parts and pilaster variants, for visual accents.
- The DUO seal (Energy Saver) can be installed at the factory and makes further energy savings of up to 10 percent possible.

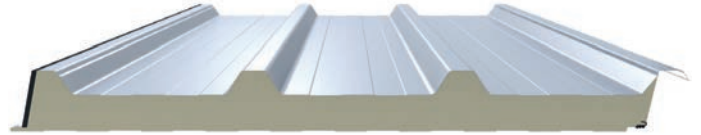


## FischerTHERM Carrier D®

### System solutions for solar and roof greening

Our roof system is based on the FischerTHERM D sandwich elements with a rigid polyurethane foam centre and is available in thicknesses from 80 to 180 mm. The elements are load-bearing and can therefore be seamlessly combined with our approved systems – without negatively affecting heat protection, airtightness or assembly.

FischerTHERM Carrier D elements offer the possibility of efficiently designing solar or green roof projects. Together with our long-standing partners, we develop innovative system solutions to reinforce your sustainable supply chain.



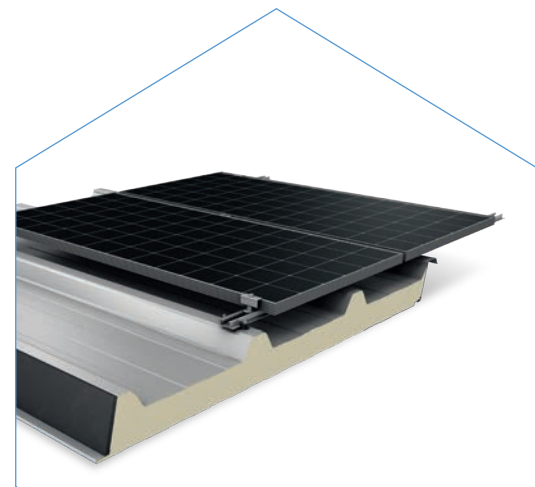
## FischerTHERM Carrier D®

**FischerTHERM Carrier D sandwich elements are available in thicknesses from 80 to 180 mm.**

- The FischerTHERM Multitalent for add-ons such as solar and roof greening
- Good wrinkling stress values
- Colorcoat® SDP 50 and Colorcoat HPS200 Ultra® are the perfect coatings

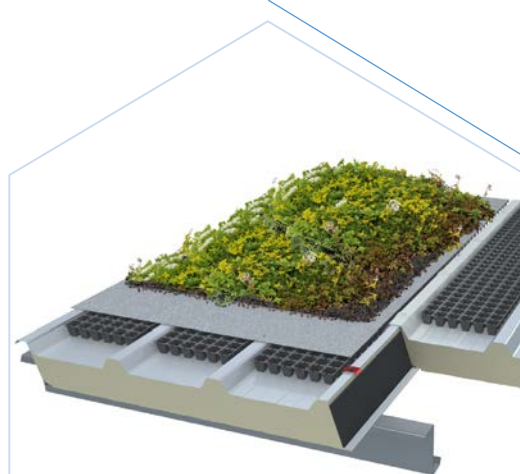
#### FischerTHERM Carrier D Solar:

- Systems in our construction inspection licences
- Quick and easy module assembly through system coordination
- Depending on the solar fastening system, it is possible to make fastenings in the outer shell or in the support structure.



#### FischerTHERM Carrier D Green:

- Optimal use of roof space in commerce
- Roof greening has a positive effect on the environment, absorbs rainwater and encourages biodiversity.

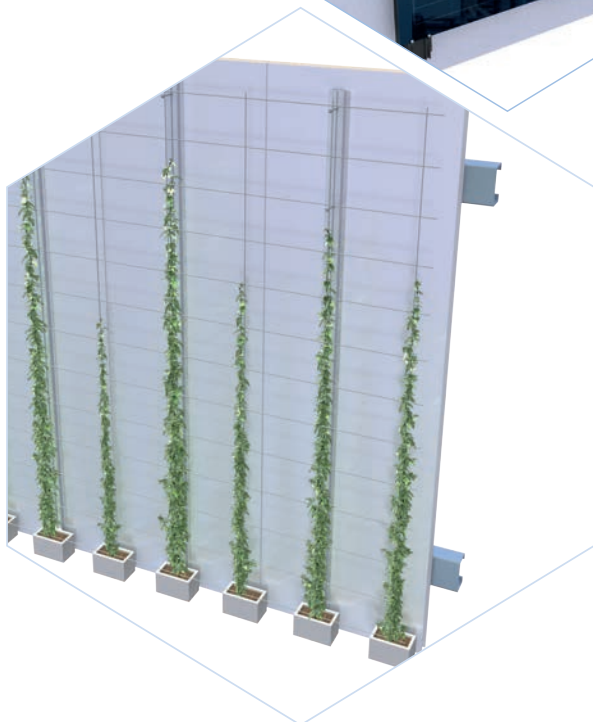
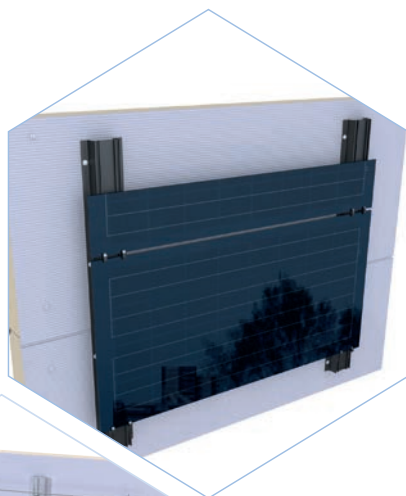
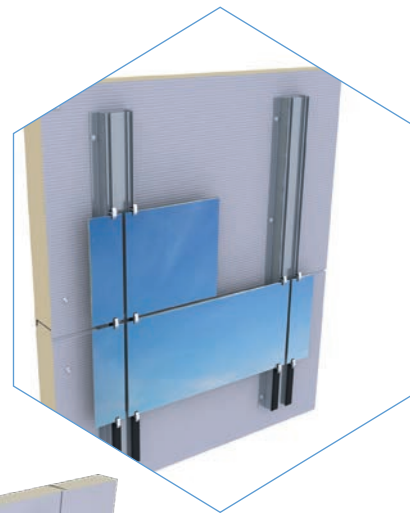


## FischerTHERM Carrier®

### Our multiflexible carrier system for individual façade structuring

Our innovative façade system, consisting of FischerTHERM Carrier elements in connection with the Fischer Carrier rail, allows for a wide range of structuring options of curtain-wall façades in nearly all styles.

- FischerTHERM Carrier Solar
- FischerTHERM Carrier Green
- FischerTHERM Carrier with Konvortec glass façades
- FischerTHERM Carrier with Megawood
- FischerTHERM Carrier with Rheinzink
- FischerTHERM Carrier with SWC Montaline
- FischerTHERM Carrier with Trespa



**FischerTHERM Carrier sandwich elements are available in thicknesses from 80 to 120 mm.**

- The Fischer carrier rail is only fastened to the micro-lined outer shell of the sandwich element – additional punctiform heat bridges are therefore prevented.
- Subsequently, linings made of metal, wood and other materials can be mounted on the rail system.
- The elements are available in widths of 1000 mm and 1100 mm and the recommended maximum length is 16 metres.
- Micro-lining surface design on outer shell and L, E and X-lining on the inner shell
- For hidden fastenings, the sandwich elements as well as FischerTHERM Carrier plus are available in 80-140 mm thickness and are particularly recommended if only part of a wall is to be equipped with hanging products.



## The Fischer DUO-seal

The energy saver for your building envelope

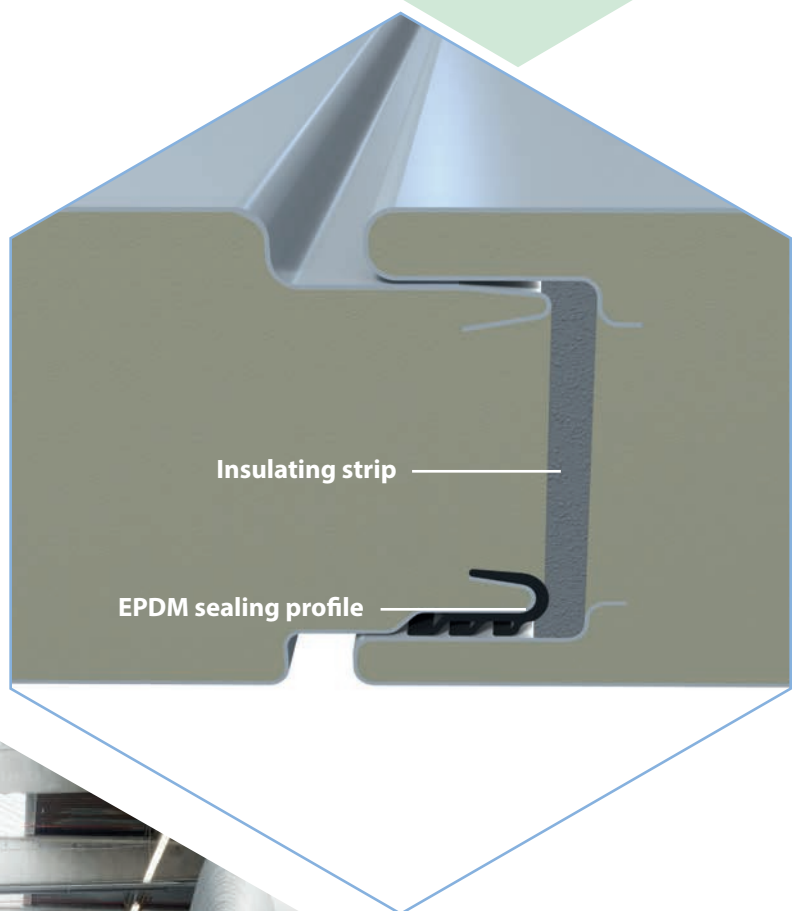


**You can now combine efficient heat insulation with highly profitable energy savings and increase the value of your property manyfold. Be on the safe side with our optional DUO-seal – ensure good heat protection with maximum airtightness.**

When it comes to the joint permeability in the long term, the FischerTHERM elements with the DUO-seal have a value 100 times better ( $a=0.001$ )\* than the required target value.

Air permeability is verified in accordance with EN 14509, A.12 and EN 12114. Thanks to the excellent joint air tightness, up to €2/m<sup>2</sup> can be saved annually in terms of heating costs. These savings are based on the heat generation costs of €0.08/kWh.

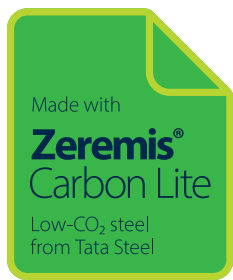
\* The report by RWTH Aachen University on the checked and verified long-term behaviour is available upon request.





## Certificates and licences

Our standard for your safety



### Certified Co<sub>2</sub>e savings from Tata Steel

The Zeremis Carbon Lite solution from Tata Steel allows you Co<sub>2</sub>e to achieve savings in your Scope 3 emissions. Carbon Lite is based on CO<sub>2</sub>e savings projects along the supply chain and is reviewed by the DNV (Det Norske Veritas).



**Scan now** and see sustainability aspects of our products in the DGNB Navigator



### Extensive overview of our products in the DGNB Navigator

This unique online platform provides transparency and delivers valuable and precise information about products you're looking for and their key values, such as information about environmental effects, calculating life cycle costs, energy requirement and emission behaviour.



### FischerTRAPEZ® FA and FischerTHERM® FA now with FM approvals

Our elements were successfully tested for their mechanical resistance and other properties in the FM research and testing centre. They therefore meet the stringent requirements of the FM standard 4451, 4880, 4881 and 4471.



### With us, quality is systematic. We're ISO 9001-certified.

We're certified by TÜV Rheinland.

MITGLIED IM

**IFBS**

### United towards a common goal

We've been a member of the IFBS for many decades. For assembling our products the "IFBS Specialist Rules for Lightweight Metal Construction" apply.

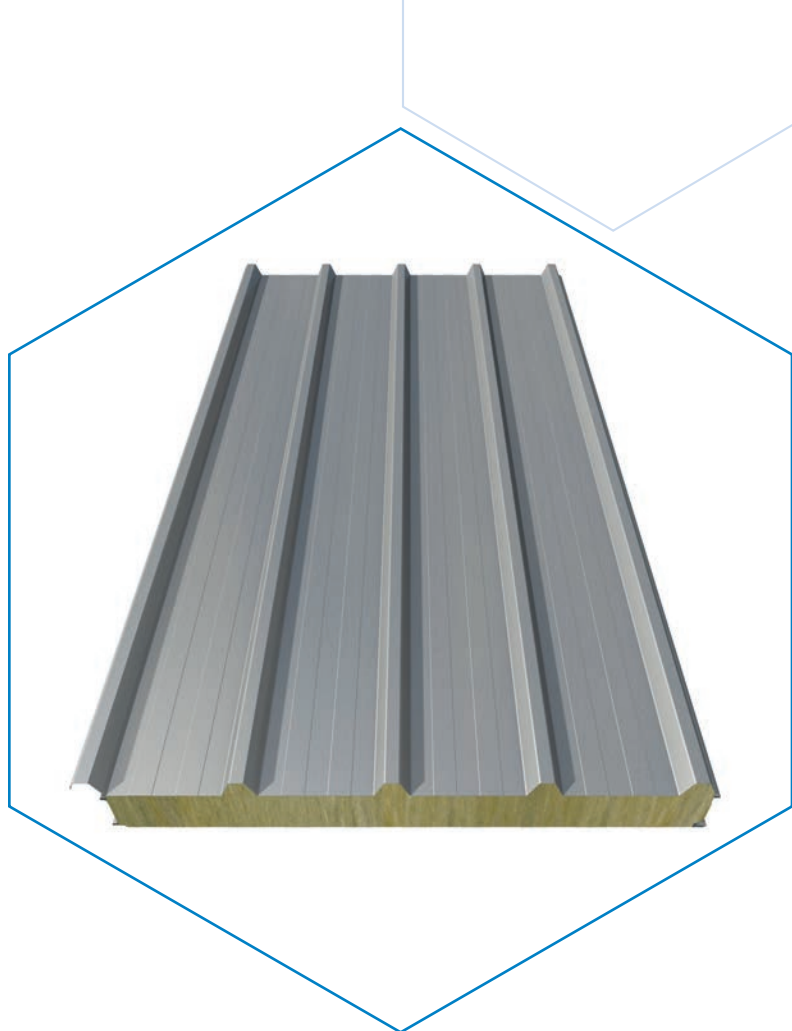
# FischerFIREPROOF MW®

## Fire prevention elements for roofs and façades

FischerFIREPROOF MW sandwich elements for industrial and commercial construction consist of two covering layers made of surface-coated steel and provide a high degree of safety thanks to an inflammable, high-strength centre made of mineral fibre.

The heat-insulated FischerFIREPROOF MW elements are delivered assembled and are suitable for construction projects with demanding fire prevention requirements.

Sandwich elements with a mineral fibre centre provide approx. 30 dB(A) of sound insulation. The fire resistance was checked in accordance with NEN 6069 and fully documented. FischerFIREPROOF Mws are also certified by FM Approvals®.



## FischerFIREPROOF MW® D

The FischerFIREPROOF MW D roof elements are available in thicknesses from 100 to 240 mm (centre thickness from 60 to 200).

- While the surface of the outer shell has a trapezoidal profile, the standard design of the inner shell is lined.
- The standard design with Power T achieves excellent U values and up to 10 percent higher heat insulation than elements with alternative fillings made of mineral fibre.
- The available maximum length is 14 metres

### Choose from

**FischerFIREPROOF MW T** (Standard)  
up to 10% more heat insulation

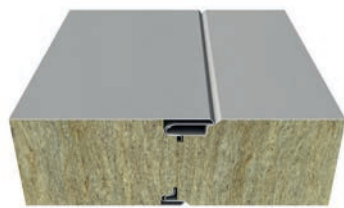
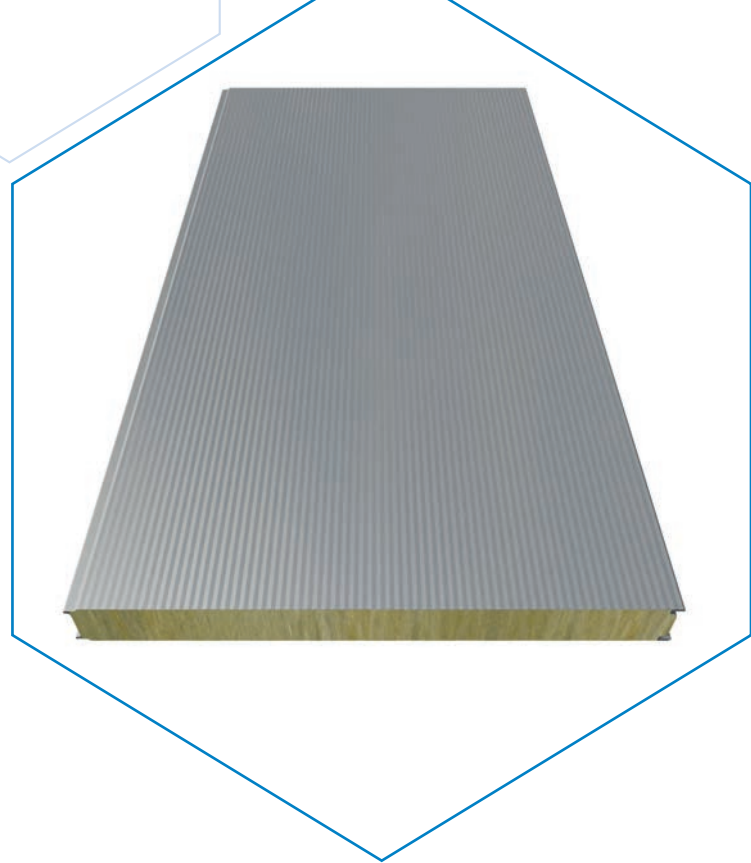
**FischerFIREPROOF MW S**  
up to 10 m span width

*Also available in acoustic design upon request*

## FischerFIREPROOF MW®

FischerTHERM MW wall elements are available in thicknesses from 60 to 240 mm.

- Mineral fibre sandwich elements for construction projects with demanding fire resistance and fire behaviour requirements
- The prefabricated elements can be assembled easily and quickly
- Available in many surface designs
- Excellent U values and high heat insulation
- The maximum available length is 14 metres.
- Gaps between supports of up to 10 metres



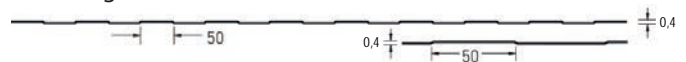
## FischerFIREPROOF MW® plus

FischerTHERM MW plus wall elements are available in thicknesses from 60 to 240 mm.

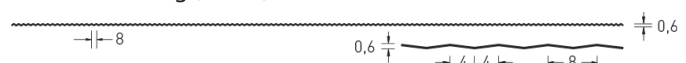
- The plus joint hides the fastening points
- Two covering made of surface-coated steel
- High-strength mineral fibre centre
- The prefabricated elements can be assembled easily and quickly
- Available in many surface designs
- Excellent U values and high heat insulation

### Surface designs

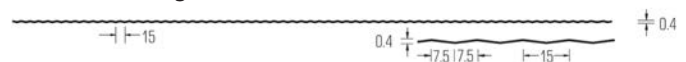
L = Lining



M = Micro-lining (8 mm)



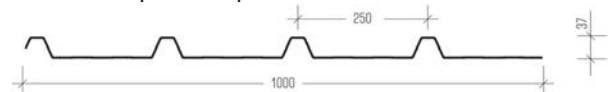
V = Macro-lining (15 mm)



E = Even (only available in sheet thickness of 0.70 mm)



D = Roof trapezoidal profile



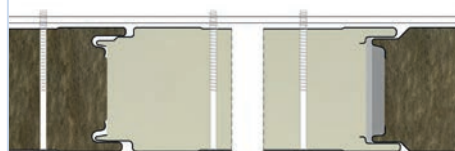
### Possible combinations of surface designs

LL	ML	VL	EL	DL
●	●	●	●	●

Further combinations possible upon request

1. Letter = Exterior  
2. Letter = Interior

### Combination with FischerTHERM®

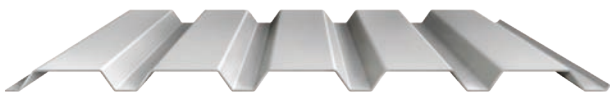


# FischerTRAPEZ®

The classic for constructing aesthetic building envelopes cost-effectively

Depending on the customer's choice, Fischer trapezoidal profiles consist either of a galvanised, plastic-coated steel sheet or a steel sheet coated with an aluminium-zinc alloy and are suited to the construction of roofs and walls. When constructing roofs, FischerTRAPEZ elements can be installed in positive or negative positions. Our product portfolio includes trapezoidal profiles with heights from 35 mm to 200 mm. The maximum available length of the components is 27 metres.

FischerTRAPEZ elements are available in twelve different profile geometries. So, a trapezoidal shape can be chosen to satisfy the application and stability, weight, carrying capacity and cost-efficiency requirements.



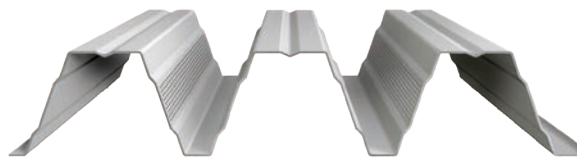
## FischerTRAPEZ®

**In our factories, trapezoidal profiles are produced with heights from 35 mm to 200 mm. The maximum available length of the components is 27 metres.**

- Trapezoidal profiles for roofs and walls
- The profiles are available in sheet thicknesses from 0.63 to 1.50 mm
- With our 40/333 trapezoidal profile, FischerTHERM® sandwich elements can be extended regardless of whether this is in the direction of stress or to extend halls.
- All FischerTRAPEZ profiles are available in acoustic design upon request



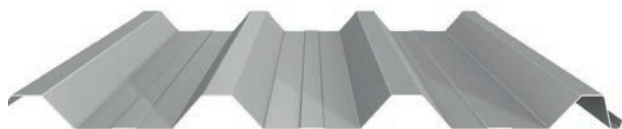




## FischerTRAPEZ® AK

To achieve a reduced noise level in the sound-generating area, the FischerTRAPEZ AK product range can be used instead of the classic FischerTRAPEZ® elements.

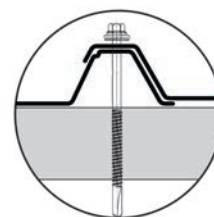
- Perforated trapezoidal profile for use on warm roofs.
- This consists of a galvanised, plastic-coated steel sheet or a steel sheet coated with an aluminium-zinc alloy.
- Assembled upon delivery
- Lengths of up to 27 metres



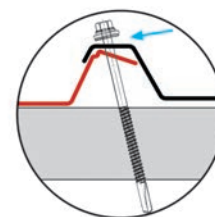
## FischerTRAPEZ® KD

**With water trap for increased safety.**

- The elements features a specially profiled water trap and is equipped with a supporting leg.
- FischerTRAPEZ KD reliably protects the building against weather influences and will give it an unmistakeable character.
- It consists of a galvanised, plastic-coated steel sheet or a steel sheet coated with an aluminium-zinc alloy.
- Assembled upon delivery
- FischerTRAPEZ KD is available in three different profile geometries
- Lengths of up to 12 metres



mit Stützfuß



ohne Stützfuß



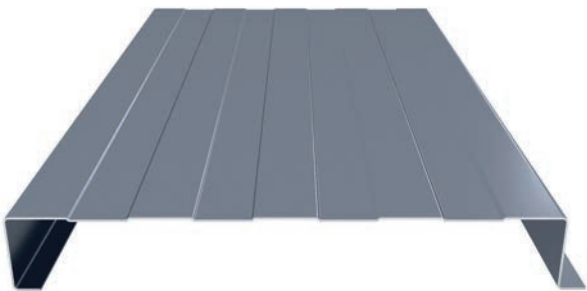
# FischerKASSETTE

## Inner, supporting shell in double-shell wall systems

FischerKASSETTE B consist of galvanised, plastic-coated steel sheet and serves as an inner, supporting shell in double-shell wall systems. They are fastened in front of the building support either horizontally or vertically and accommodate the mineral heat insulation.

At Fischer Profil, KASSETTE B are available in sheet thicknesses from 0.75 to 1.50 mm. The maximum available length of the elements is 18.3 metres.

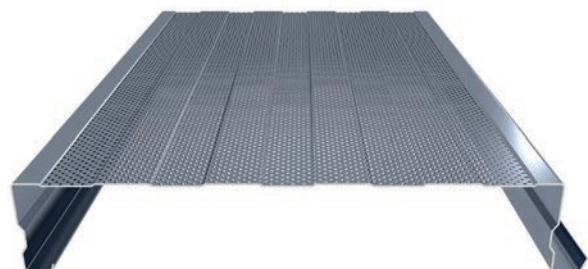
Fischer Profil recommends the FischerTRAPEZ® or FischerWELLE wall elements as an outer envelope that can be mounted on the KASSETTEN B.



### FischerKASSETTE B

**The cassettes serve as inner, supporting shells in double-shell wall systems and are available in heights from 90 to 180 mm.**

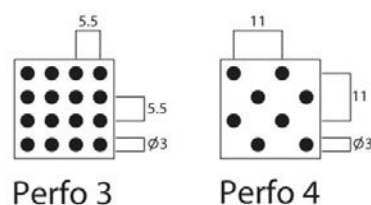
- The cassettes are available in sheet thicknesses from 0.75 to 1.50 mm. The maximum available length of the elements is 18.3 metres.
- Freedom in choosing and fastening of the outer sheet
- Can be combined with mineral heat insulation
- Highly fireproof with mineral fibre insulation material
- FischerKASSETTE supports sound insulation



### FischerKASSETTE B AK

**The perforated acoustic cassettes serve as inner, supporting shells in double-shell wall systems and are available in heights from 90 to 180 mm.**

- Reduced noise level in sound-generating area
- Two perforation patterns by default
- Additional perforation patterns are available in larger amounts upon request



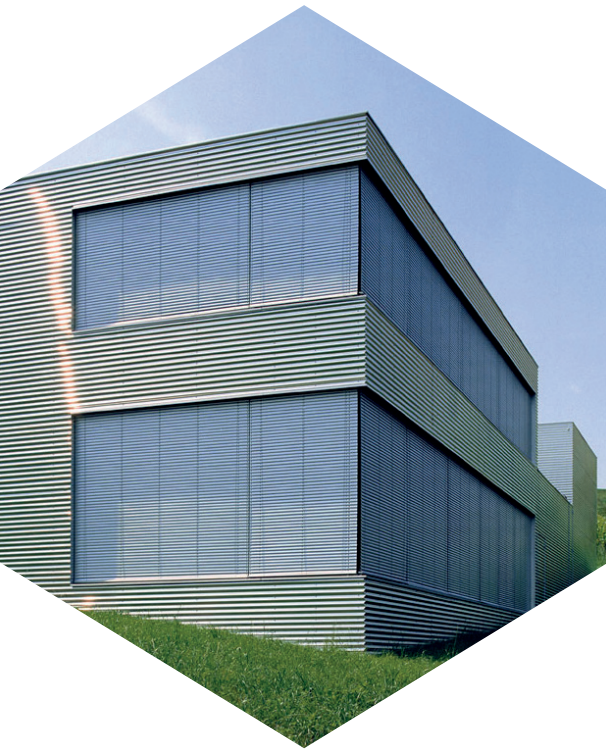
Degree of perforation:

Perfo 3: 23.4%

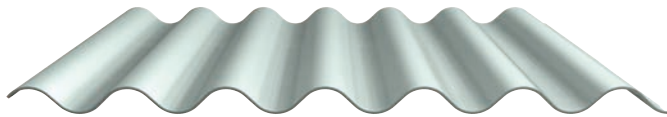
Perfo 4: 11.7%

# FischerWELLE

The perfect shaft for elegant façades



The FischerWELLE profiles for industrial and commercial construction consist of galvanised, plastic-coated steel sheet or of aluminium sheet and are suitable for roof and wall construction. Shaft profiles can be used for single-shell and multi-shell roofs. The elements can be mounted horizontally or vertically on the wall.



## FischerWELLE

**Shaft profiles are used in the construction of single-shell and multi-shell roofs.**

- They are suitable for roof and wall construction
- According to the area of use, sheet thicknesses between 0.70 and 1.25 mm can be chosen from
- Lengths of up to 12 metres
- FischerWELLE also available in aluminium sheets







## Flashings and accessories

### From parapet capping to Z profile

At Fischer Profil, you'll get everything you need for assembly, all from one source – from the fastening elements to a suitable flashing. Fischer flashings are available in several different material thicknesses, coatings and colours, consistent with the product portfolio.

## Fischer Profil e-shop

### The elements shop

In the Fischer Profil e-shop, you can create custom flashings via touch-based free-form input or using the mouse.

You can use this any time, 365 days a year and from anywhere using a PC or tablet screen.



Here you can receive your personal login data for Fischer Profil's e-shop.

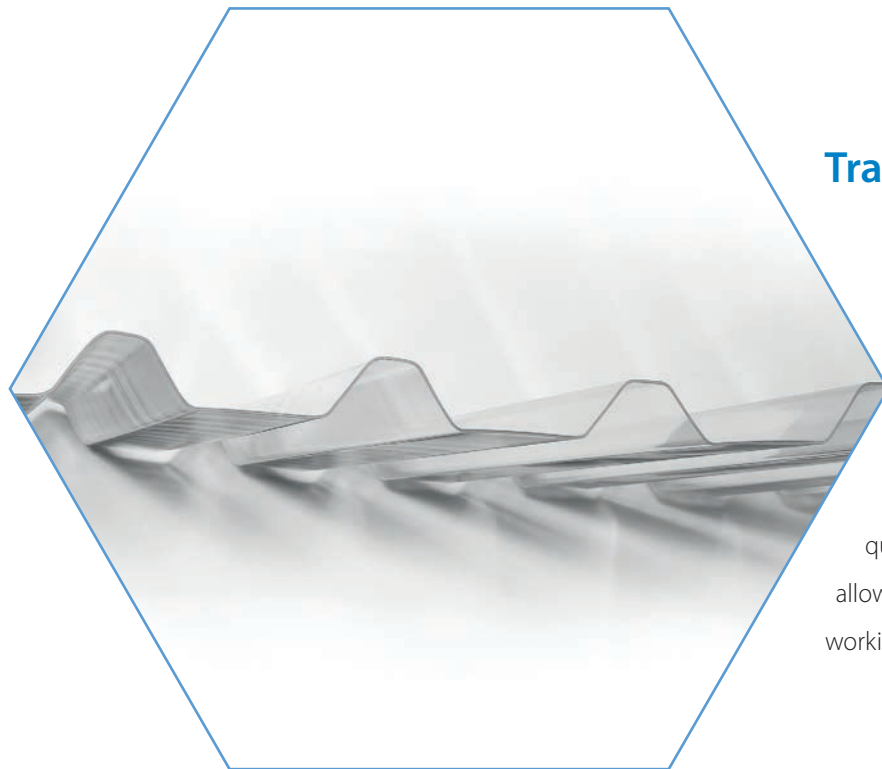




## Everything that belongs

The architectural possibilities of lightweight metal construction today are almost limitless. The applications range from the humble warehouse to futuristic industrial construction, from the sports hall to the airport terminal. Whether intended for walls or roofs, trapezoidal, shaft and cassette metal profiles captivate with their aesthetic clarity, cost-effectiveness and easy mounting.

In the *flashings and accessories brochure*, you can get an overview of our lightweight construction systems and we can recommend you the perfect fastener for any use case.



## Translucent panels

Light panels for lighting through roofs and walls are highly translucent, save on energy costs and are weather-resistant. They offer the comfort and quality of natural sunlight in the building, allowing for increasing well-being during the working day.



Here you'll find more  
information on  
Confidex guarantee

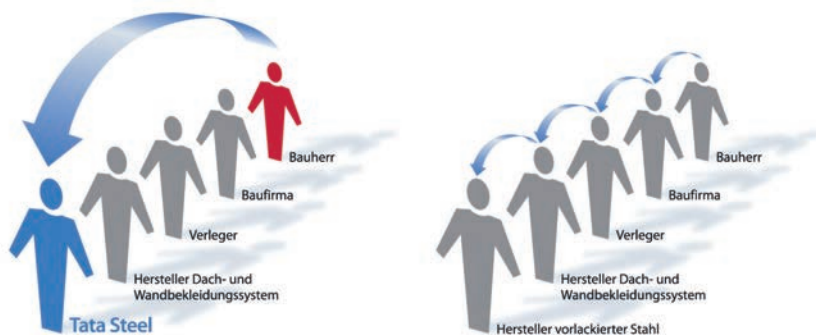


## Confidex® guarantee

### Easy online registration

- Valid in connection with photovoltaic modules (PV):  
in roof and façade applications
- Up to 40 years protection in conventional  
outdoor applications
- Two easy, region-specific categorisations  
of the guarantee period
- Protection for cut edges in the minimum guarantee period
- Does not depend on the roof incline and applicable from  
an incline angle of 1°
- Guarantee can be transferred in case of change of ownership
- Guarantee is concluded directly with the building owner  
by means of a quick and easy registration form.
- Risk reduction for all involved in the supply chain
- In the unlikely case of damage, Tata Steel will bear the  
disassembly and mounting costs.
- No degressive depreciation to guarantee amount

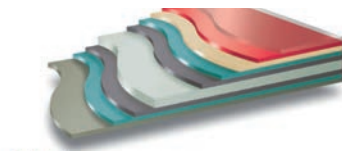
## Advantages of Confidex® Online registration



## Coating variants

### Long-term protection for roofs and walls

Depending on the atmospheric influences, there are different coating systems to choose from. They mostly consist of a metal cover and an organic coating. This ensures a high degree of corrosion protection, a consistent aesthetic and a broad spectrum of available colour shades.



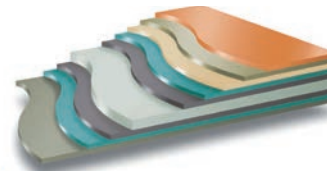
#### Schlüssel

- 15µm zusätzliche transparente Schutzschicht
- 25µm Farbschicht mit Polyamidpartikeln
- 25µm korrosionsfeste Vorlackierung
- Vorbehandlung
- Galvalloy™ Metallbeschichtung
- Basis Stahlsubstrat
- Galvalloy™ Metallbeschichtung
- Vorbehandlung
- Leistungsfähiger rückseitiger Lack

#### Colorcoat Prisma®

Full-tone, matt and special-metal colours  
65µm/RSL alternative 65µm/25µm

- Sublime aesthetics, hard-wearing and long-term performance thanks to modern three-layer technology
- Large selection of metal and full-tone colours, also in matt design
- Top UV resistance category RUV4
- Top corrosion resistance C5
- Excellent colour and gloss level resistance
- Robust, hard-wearing top coat
- Completely REACH-compliant and chromium-free
- Confidex® guarantee up to 40 years



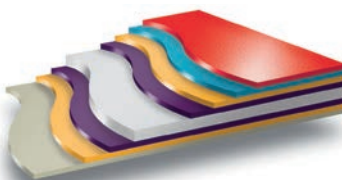
#### Schlüssel

- 10µm zusätzliche transparente oder farbige Schutzschicht
- 20µm Farb- oder Basispolymerschicht
- 10µm korrosionsfeste Vorlackierung
- Vorbehandlung
- Galvalloy™ Metallbeschichtung
- Basis Stahlsubstrat
- Galvalloy™ Metallbeschichtung
- Vorbehandlung
- Leistungsfähiger rückseitiger Lack

#### Colorcoat Prisma®

Elements colours  
40µm/RSL alternative 40µm/25µm

- Sublime aesthetics, hard-wearing and long-term performance thanks to modern three-layer technology
- Natural metal tones with subtly glossy surface finish
- Top UV resistance category RUV4
- Top corrosion resistance C5
- Excellent colour and gloss level resistance
- Robust, hard-wearing top coat
- Completely REACH-compliant and chromium-free
- Confidex® guarantee up to 30 years



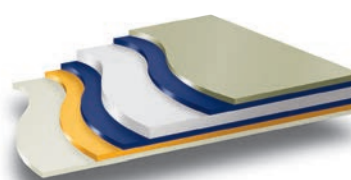
#### Schlüssel:

- Deckschicht mit Scintilla® Prägung von Tata Steel
- Korrosionsfeste Vorlackierung
- Vorbehandlung
- Galvalloy™ Metallbeschichtung
- Basis Stahlsubstrat
- Galvalloy™ Metallbeschichtung
- Vorbehandlung
- Hochleistungsfähiger Rückseitenschutzlack

#### Colorcoat HPS200 Ultra®

200µm/RSL or double-sided design

- Extremely robust and wear-resistant
- Excellent formability
- Stands up to the most demanding requirements in aggressive environments
- Unmatched corrosion protection C5
- Top corrosion protection class CPI5 for indoor use
- Top UV resistance category RUV4
- Suitable for unrestricted use under photovoltaic modules
- Completely REACH-compliant and chromium-free
- Confidex® guarantee up to 40 years



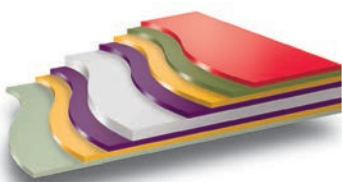
#### Legende

- Colorfarm® Decklack (ähnlich RAL 9002)
- Basis Stahlsubstrat
- Colorfarm® Primer
- Leistungsfähiger Rückseitenschutzlack
- Metallische Oberflächenvergrößerung

#### Colorfarm®

35µm

- Specially developed for indoor use in agricultural buildings
- Top corrosion resistance for indoor use (CPI5) and excellent resistance against ammonium and agricultural chemicals
- Up to 15 years of internal performance guarantee on project-to-project basis
- Completely REACH-compliant and chromium-free



#### Legende:

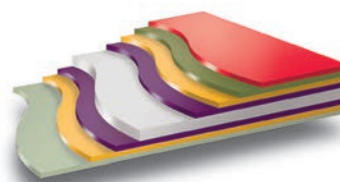
- Colorcoat® Decklack
- Korrosionsfeste Vorlackierung/Primer
- Vorbehandlung
- Metallische Oberflächenvergrößerung
- Basis Stahlsubstrat
- Leistungsfähiger Rückseitenschutzlack

#### Colorcoat® SDP35 (35µm)

#### Colorcoat® SDP50 (50µm)

(35) 50µm/RSL or double-sided design  
Super Durable Polyester

- Smooth or lightly textured surface finish with improved scratch and abrasion resistance
- Large selection of colours, also in matt design
- High UV resistance category RUV4
- High corrosion resistance:  
SDP35: C4 (in accordance with EN 55634)  
SDP50: C5 L (in accordance with EN 55634)
- Completely REACH-compliant and chromium-free



#### Legende:

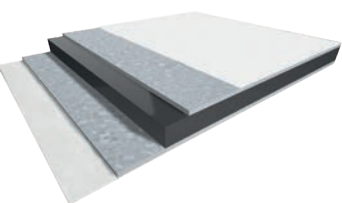
- Colorcoat® Decklack
- Korrosionsfeste Vorlackierung/Primer
- Vorbehandlung
- Metallische Oberflächenvergrößerung
- Basis Stahlsubstrat
- Leistungsfähiger Rückseitenschutzlack

#### Colorcoat® SP15 (15µm)

#### Colorcoat® SP25 (25µm)

25 (15)µm/RSL polyester

- Cost-effective coating with smooth surface finish
- Large selection of colours available
- Expected protection period:  
SP25 - C4 L (in accordance with EN 55634)  
SP15 - CPI2 (indoor application only)
- UV resistance RUV3
- Completely REACH-compliant and chromium-free
- Rear side protection lacquer is manufacturer's choice



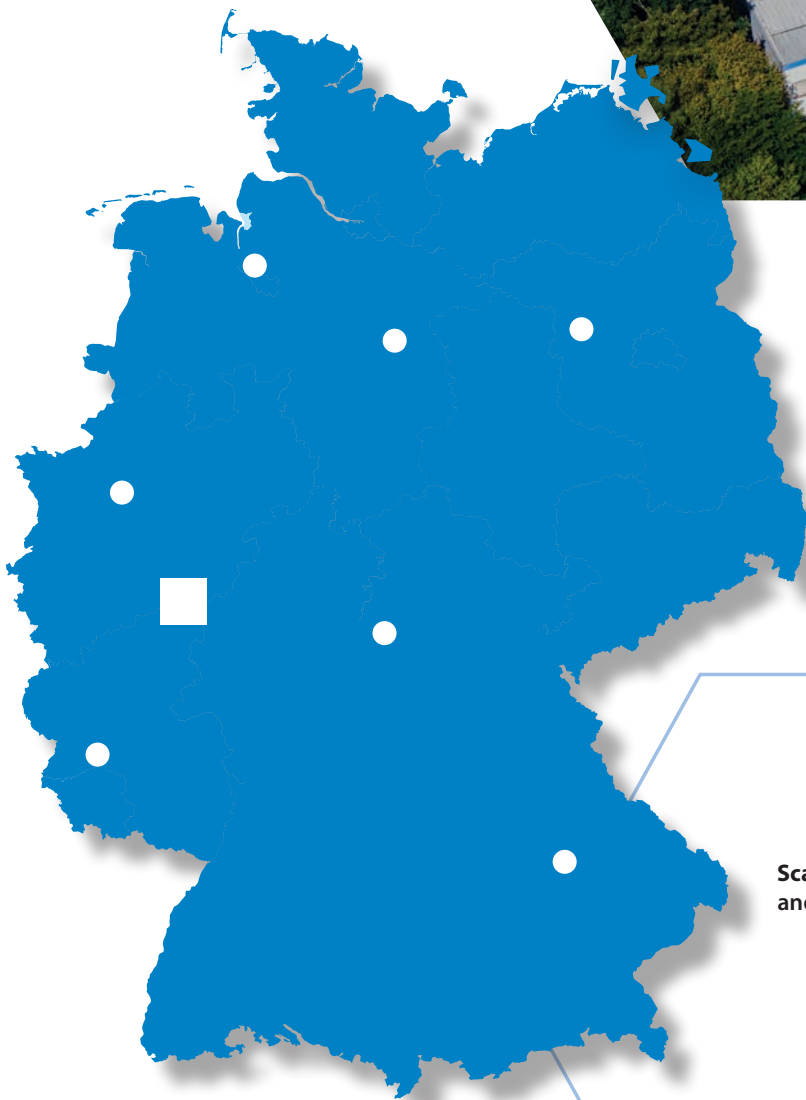
#### Aluzink

Aluzink (double-sided)

- Highly resistant against mechanical stress
- Cost-effective corrosion protection for roof covers or supporting profiles for warm roofs
- Expected protection period C5 M (in accordance with EN 55634-1)
- With anti-fingerprint coating
- Anti-fingerprint
- Aluzink (55% AlZn AZ185)
- Steel centre

## Your sales regions across the nation

As personal contact and short distances are important, you'll find us close by too. If you have any questions or requests, our staff will be happy to help you in our regional sales branches. We can give information over the phone, otherwise we'd be happy to give you a consultation on site.



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and find your personal  
point of contact  
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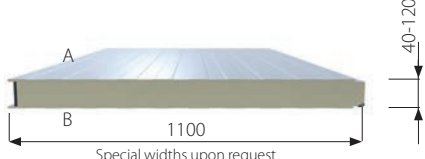
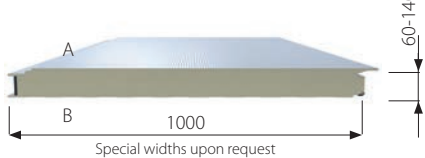
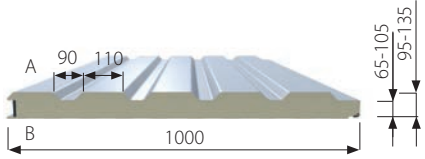
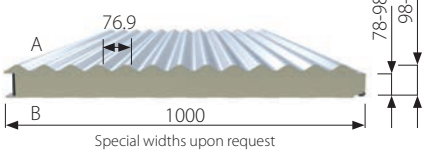
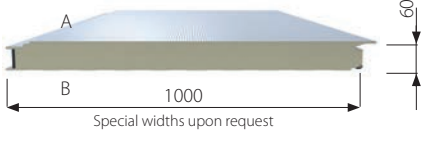
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E-mail jana.voelkel@fischerprofil.de

# FischerTHERM® wall elements

## Forms of delivery and dimensions

	Designation FischerTHERM	Sheet thickness t [mm]		Element thickness d [mm]	Element length max. L [m] <sup>1)</sup>	Element weight g [kg/m <sup>2</sup> ]	Heat transmission coefficient according to DIN EN 14509		R <sub>tot</sub> Entire heat transmission resistance <sup>3)</sup> (m <sup>2</sup> K)/W
		Outer shell t <sub>a</sub> [mm]	Inner shell t <sub>i</sub> [mm]				U <sub>ds</sub> Heat transmission coefficient W/(m <sup>2</sup> K)	U <sub>ns</sub> according to DIN 14509 (without joint) W/(m <sup>2</sup> K)	
<b>FischerTHERM*</b> 	40	0.55	0.50	40	12	10.4	0.584 <sup>2)</sup>	0.537	1.9
	60	0.55	0.50	60	16	11.2	0.385 <sup>2)</sup>	0.366	2.7
	80	0.55	0.50	80	16	12.6	0.288 <sup>2)</sup>	0.278	3.6
	100	0.55	0.50	100	16	12.8	0.231 <sup>2)</sup>	0.224	4.5
	120	0.55	0.50	120	16	13.4	0.192 <sup>2)</sup>	0.187	5.3
<b>FischerTHERM plus</b> 	plus 60	0.63	0.50	60	16	12.7	0.408 <sup>2)</sup>	0.366	2.7
	plus 80	0.63	0.50	80	16	13.5	0.297 <sup>2)</sup>	0.278	3.6
	plus 100	0.63	0.50	100	16	14.3	0.235 <sup>2)</sup>	0.224	4.5
	plus 120	0.63	0.50	120	16	14.9	0.195 <sup>2)</sup>	0.187	5.3
	plus 140	0.63	0.50	140	16	15.7	0.167 <sup>2)</sup>	0.161	6.2
<b>FischerTHERM T</b> 	T 95	0.50	0.40	95	16	11.4	0.28	-	-
	T 135	0.50	0.40	135	16	13.0	0.19	-	-
<b>FischerTHERM W</b> 	W 100	0.63	0.50	98	16	14.1	0.269 <sup>2)</sup>	0.265	3.8
	W 120	0.63	0.50	118	16	14.7	0.218 <sup>2)</sup>	0.215	4.6
<b>FischerTHERM Design</b> 	Design 60	0.63	0.50	60	16	12.7	0.408 <sup>2)</sup>	0.366	2.7
	Design 80	0.63	0.50	80	16	13.5	0.297 <sup>2)</sup>	0.278	3.6
	Design 100	0.63	0.50	100	16	14.3	0.235 <sup>2)</sup>	0.224	4.5
	Design 120	0.63	0.50	120	16	14.9	0.195 <sup>2)</sup>	0.187	5.3
	Design 140	0.63	0.50	140	16	15.7	0.167 <sup>2)</sup>	0.161	6.2

\*For additional surface design combinations see p. 8

FischerTHERM® T = SAB W 95-135 TL Brand of SAB-profil

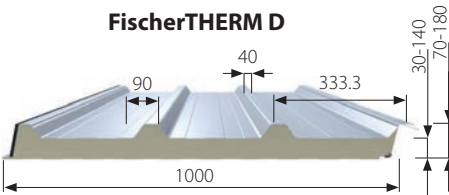
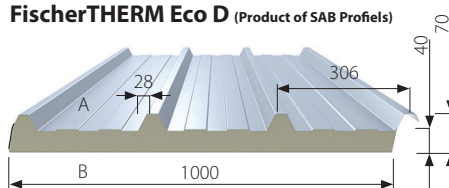
<sup>1)</sup> recommended maximum length, other lengths possible upon request

<sup>2)</sup> U<sub>ds</sub> in accordance with DIN EN 14509 – exact method with FEM in accordance with DIN EN ISO 10211

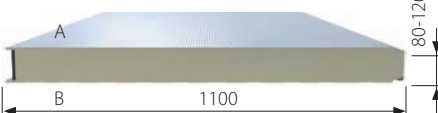
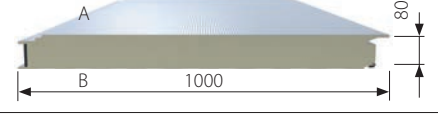
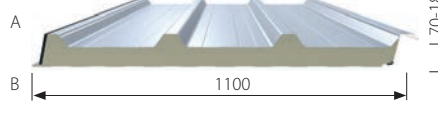
<sup>3)</sup> according to DIN EN 6946 (without joint)

# FischerTHERM® roof elements

## Forms of delivery and dimensions

	Designation  FischerTHERM	Sheet thickness t [mm]		Element thickness d [mm]	Element length max. L [m] <sup>1)</sup>	Element weight g [kg/m <sup>2</sup> ]	Heat transmission coefficient according to DIN EN 14509		R <sub>tot</sub> Entire heat transmission resistance <sup>3)</sup> (m <sup>2</sup> K)/W
		Outer shell t <sub>a</sub> [mm]	Inner shell t <sub>i</sub> [mm]				U <sub>d,s</sub> Heat transmission coefficient W/(m <sup>2</sup> K)	U <sub>n,s</sub> according to DIN 14509 (without joint) W/(m <sup>2</sup> K)	
 <b>FischerTHERM D</b>	D 70	0.55	0.45	70	26.4	10.5	0.698 <sup>2)</sup>	0.661	1.5
	D 80	0.55	0.45	80	26.4	10.9	0.536 <sup>2)</sup>	0.513	1.9
	D 100	0.55	0.45	100	26.4	11.7	0.366 <sup>2)</sup>	0.355	2.8
	D 120	0.55	0.45	120	26.4	12.5	0.278 <sup>2)</sup>	0.271	3.7
	D 140	0.55	0.45	140	26.4	13.4	0.224 <sup>2)</sup>	0.219	4.6
	D 160	0.55	0.45	160	26.4	13.9	0.188 <sup>2)</sup>	0.184	5.4
	D 180	0.55	0.45	180	26.4	15.1	0.162 <sup>2)</sup>	0.159	6.3
 <b>FischerTHERM Eco D (Product of SAB Profiels)</b>	Eco D 70	0.50	Aluminium foil	70	18.0	6.6	0.50	-	-

## FischerTHERM Carrier®

	Designation	Sheet thickness t [mm]		Element thickness d [mm]	Element Length <sup>1)</sup> max. L [m]	Element weight g [kg/m <sup>2</sup> ]	Heat transmission coefficient according to DIN EN 14509		R <sub>tot</sub> EWtire heat transmission resistance <sup>3)</sup> (m <sup>2</sup> K)/W
		Outer shell ta [mm]	Inner shell ti [mm]				U <sub>d,s</sub> Heat transmission coefficient W/(m <sup>2</sup> K)	U <sub>n,s</sub> according to DIN 14509 (without joint) W/(m <sup>2</sup> K)	
<b>FischerTHERM Carrier ML</b> 	ML 80	0.55	0.50	80	16 <sup>1)</sup>	12.6	0.288 <sup>2)</sup>	0.278	3.6
	ML 100	0.55	0.50	100	16 <sup>1)</sup>	12.8	0.231 <sup>2)</sup>	0.224	4.5
	ML 120	0.55	0.50	120	16 <sup>1)</sup>	13.4	0.192 <sup>2)</sup>	0.187	5.3
<b>FischerTHERM Carrier plus ML</b> 	plus 80	0.63	0.50	80	16 <sup>1)</sup>	13.5	0.297 <sup>2)</sup>	0.278	3.6
	plus 100	0.63	0.50	100	16 <sup>1)</sup>	14.3	0.235 <sup>2)</sup>	0.224	4.5
	plus 120	0.63	0.50	120	16 <sup>1)</sup>	14.9	0.195 <sup>2)</sup>	0.187	5.3
	plus 140	0.63	0.50	140	16 <sup>1)</sup>	15.7	0.167 <sup>2)</sup>	0.161	6.2
<b>FischerTHERM Carrier D</b> 	D 80	0.55	0.45	80	26.4	10.9	0.536 <sup>2)</sup>	0.513	1.9
	D 100	0.55	0.45	100	26.4	11.7	0.366 <sup>2)</sup>	0.355	2.8
	D 120	0.55	0.45	120	26.4	12.5	0.278 <sup>2)</sup>	0.271	3.7
	D 140	0.55	0.45	140	26.4	13.4	0.224 <sup>2)</sup>	0.219	4.6
	D 160	0.55	0.45	160	26.4	13.9	0.188 <sup>2)</sup>	0.184	5.4

1. Letter = Outer shell (A)

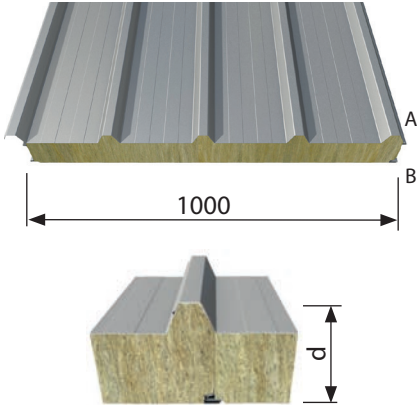
2. Letter = Inner shell (B)

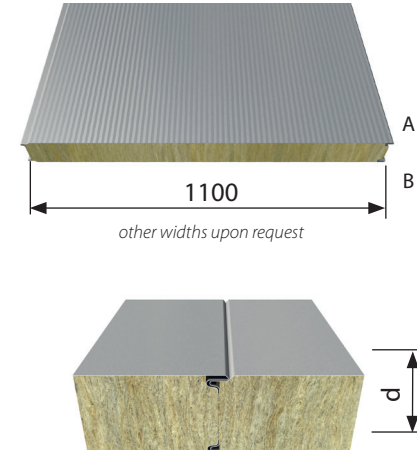
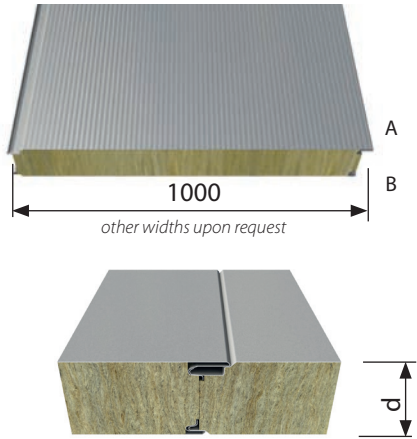
<sup>1)</sup> recommended maximum length, other lengths possible upon request  
<sup>2)</sup> U<sub>ds</sub> in accordance with DIN EN 14509 – exact method with FEM in accordance with DIN EN ISO 10211

<sup>2\*)</sup> Simple method with joint

<sup>3)</sup> according to DIN EN 6946 (without joint)

## Forms of delivery and dimensions

Roof elements	Designation FischerFIREPROOF	Sheet thickness t [mm] <sup>1</sup>		Element thickness d [mm]	Element length max. L [m]	Element weight g [kg/m²]	Heat transmission coefficient <sup>2</sup> U [W/(m²K)]	Fire-resistant T [min.]
		Outer shell ta [mm]	Inner shell ti [mm]					
	MW D 100	0.60	0.50	100	14	15.7	0.59	-
	MW D 120	0.60	0.50	120	14	17.5	0.45	-
	MW D 140	0.60	0.50	140	14	19.3	0.37	-
	MW D 160	0.60	0.50	160	14	21.1	0.31	-
	MW D 190	0.60	0.50	190	14	23.9	0.25	-
	MW D 210	0.60	0.50	210	14	25.9	0.22	-
	MW D 240	0.60	0.50	240	14	28.4	0.19	-

Wall elements	Designation FischerFIREPROOF	Sheet thickness t [mm] <sup>1</sup>		Element thickness d [mm]	Element length max. L [m]	Element weight g [kg/m²]	Heat transmission coefficient <sup>2</sup> U [W/(m²K)]	Fire-resistant <sup>3</sup> T [min.]
		Outer shell ta [mm]	Inner shell ti [mm]					
	MW 60	0.55	0.50	60	14	14.4	0.60	-
	MW 80	0.55	0.50	80	14	16.2	0.46	El60
	MW 100	0.55	0.50	100	14	18.0	0.37	El60
	MW 120	0.55	0.50	120	14	19.8	0.31	El60
	MW 150	0.55	0.50	150	14	22.5	0.25	El60
	MW 172	0.55	0.50	172	14	24.5	0.22	El60
	MW 200	0.55	0.50	200	14	27.0	0.19	El60
	MW 240	0.55	0.50	240	14	30.6	0.16	El60
	MW plus 60	0.60	0.60	60	14	14.6	0.60	-
	MW plus 80	0.60	0.60	80	14	16.4	0.46	El60
	MW plus 100	0.60	0.60	100	14	18.2	0.37	El60
	MW plus 120	0.60	0.60	120	14	20.0	0.31	El60
	MW plus 150	0.60	0.60	150	14	22.7	0.25	El60
	MW plus 172	0.60	0.60	172	14	24.7	0.22	El60
	MW plus 200	0.60	0.60	200	14	27.2	0.19	El60
	MW plus 240	0.60	0.60	240	14	30.8	0.16	El60

<sup>1,2</sup> Other sheet thicknesses upon request

<sup>2,3</sup> U values for FischerFIREPROOF MW

<sup>3,3</sup> Only for vertical single-field installation

FischerFIREPROOF MW = Trimoterm Brand of Trimo group

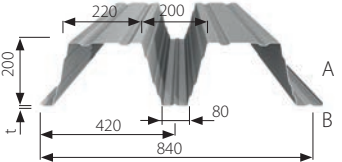
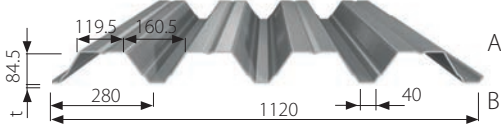
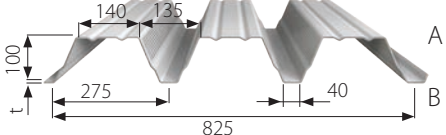
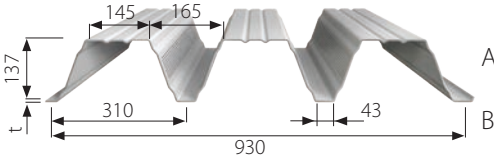
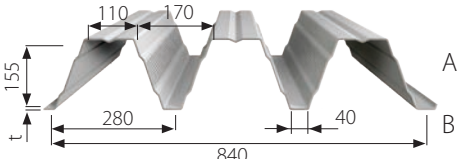
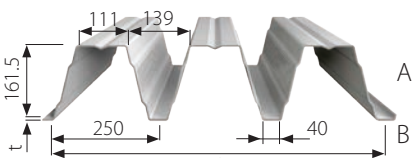
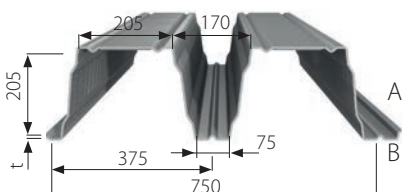
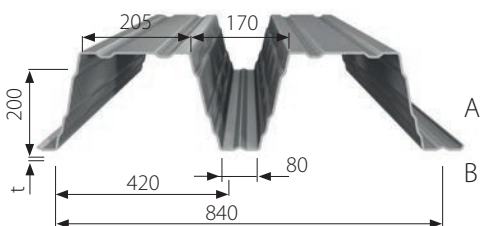
Other fire resistance times in accordance with the European classification are also available upon request.

# FischerTRAPEZ® & FischerTRAPEZ® AK

## Forms of delivery and dimensions


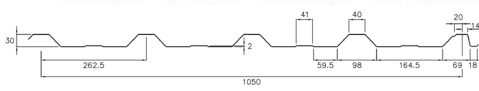
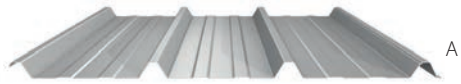
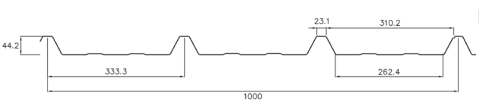
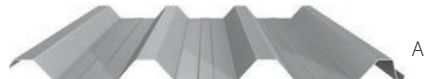
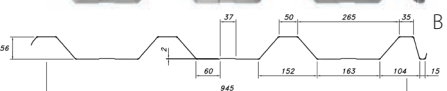
Designation		Sheet thickness t [mm]	Weight g [kg/m <sup>2</sup> ]	Element length max. L [m]	Cover Coating
FischerTRAPEZ® 35 / 207		0.63 0.75 0.88 1.00 1.25 1.50	5.9 7.1 8.3 9.4 11.8 14.1	18	
FischerTRAPEZ® 40/183		0.63 0.75 0.88 1.00 1.25 1.50	6.7 8.0 9.4 10.6 13.3 16.0	18	200 µm HPS200 Ultra/RSL 25 µm PVDF/RSL SP 25**/double-sided SP 25**/RSL 15 µm Polyester/RSL
FischerTRAPEZ 40/333 FischerTHERM® extend roof sandwich elements		0.63 0.75 0.88 1.00	6.1 7.3 8.6 9.7	8	65 µm Prisma/RSL 55 % AlZn AZ 185 (Aluzink) Protective foil: available with surcharge
FischerTRAPEZ 50/250		0.63 0.75 0.88 1.00 1.25 1.50	6.1 7.3 8.6 9.7 12.2 14.6	18	
FischerTRAPEZ 85/280		0.75 0.88 1.00 1.13 1.25 1.50	7.9 9.3 10.5 11.8 13.1 15.8	24	SP 25**/RSL 15 µm Polyester/RSL 55% AlZn AZ 185 (Aluzink) 200 µm HPS200 Ultra*/RSL* 65 µm Prisma/RSL*  * Upon request
FischerTRAPEZ 100/275		0.75 0.88 1.00 1.25 1.50	8.8 10.4 11.8 14.7 17.7	24	200 µm HPS200 Ultra*/RSL 25 µm PVDF/RSL SP 25**/double-sided SP 25**/RSL 15 µm Polyester/RSL 65 µm Prisma/RSL 55 % AlZn AZ 185 (Aluzink) Protective foil: available with surcharge
FischerTRAPEZ 135/310		0.75 0.88 1.00 1.13 1.25 1.50	9.5 11.1 12.7 14.3 15.8 19.0	27	
FischerTRAPEZ 150/280		0.75 0.88 1.00 1.13 1.25 1.50	10.5 12.3 14.0 15.8 17.5 21.0	27	
FischerTRAPEZ 165/250		0.75 0.88 1.00 1.13 1.25 1.50	11.8 13.8 15.7 17.7 19.6 23.6	27	SP 25**/RSL 15 µm Polyester/RSL 55 % AlZn AZ 185 (Aluzink) 200 µm HPS200 Ultra*/RSL* 65 µm Prisma/RSL*
FischerTRAPEZ 200/375		0.75 0.88 1.00 1.13 1.25 1.50	11.78 13.82 15.70 17.74 19.63 23.55	24	



Designation		Sheet thickness t [mm]	Weight g [kg/m <sup>2</sup> ]	Element length max. L [m]	Cover Coating
FischerTRAPEZ 200/420		0.75 0.88 1.00 1.13 1.25 1.50	10.51 12.34 14.02 15.84 17.52 21.03	24	
FischerTRAPEZ AK 85/280	 <p>Proportion of perforation 12.3 %/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.13 1.25 1.50	7.2 8.4 9.6 10.8 12.0 14.4	24	SP 25**/RSL 15 µm Polyester/RSL 55 % AlZn AZ 185 (Aluzink) 200 µm HPS200 Ultra/RSL* 65 µm Prisma/RSL*
FischerTRAPEZ AK 100/275	 <p>Proportion of perforation 14.3 %/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.25 1.50	8.2 9.6 10.9 13.6 16.3	24	200 µm HPS200 Ultra/RSL 25 µm PVDF/RSL SP 25**/double-sided SP 25**/RSL 15 µm Polyester/RSL 65 µm Prisma/RSL 55 % AlZn AZ 185 (Aluzink) Protective foil available with surcharge
FischerTRAPEZ AK 135/310	 <p>Proportion of perforation 14.3%/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.13 1.25 1.50	8.8 10.4 11.8 12.3 14.7 17.6	27	
FischerTRAPEZ AK 150/280	 <p>Proportion of perforation 15.5 %/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.13 1.25 1.50	9.8 11.5 13.0 13.4 16.3 19.5	27	SP 25**/RSL 15 µm Polyester/RSL 55 % AlZn AZ 185 (Aluzink) 200 µm HPS200 Ultra/RSL* 65 µm Prisma/RSL*
FischerTRAPEZ AK 165/250	 <p>Proportion of perforation 17.7 %/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.13 1.25 1.50	10.9 12.8 14.6 16.5 18.2 21.9	27	
FischerTRAPEZ AK 200/375 <sup>1</sup>	 <p>Proportion of perforation 17.7 %/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.13 1.25 1.50	11.2 13.1 14.9 16.8 18.6 22.3	24	
FischerTRAPEZ AK 200/420 <sup>1</sup>	 <p>Proportion of perforation 17.7 %/m<sup>2</sup> trapezoidal profile, web perforation</p>	0.75 0.88 1.00 1.13 1.25 1.50	10.2 11.9 13.6 16.9 18.7 22.4	24	

# FischerTRAPEZ® KD S

## Forms of delivery and dimensions

Designation		Sheet thickness t [mm]	Weight g [kg/m <sup>2</sup> ]	Element length max. L [m]	Cover Coating
TRAPEZ 30KD/1050-S	 	0.75	10.8	12	SP 25**/RSL 15 µm Polyester/RSL 55 % AlZn AZ 185 (Aluzink) 200 µm HPS200 Ultra/RSL* 65 µm Prisma/RSL*
		0.88	12.6		
		1.00	14.3		
		1.25	17.9		
TRAPEZ 45KD/1000-S	 	0.75	10.8	21.9	
		0.88	12.6		
		1.00	14.3		
		1.25	17.9		
TRAPEZ 58KD/945-S	 	0.75	10.8	15	
		0.88	12.6		
		1.00	14.3		

Note: PVDF coating on the B side is only possible with a protective foil.

\*Upon request \*\*SP 25 = 25 µm polyester

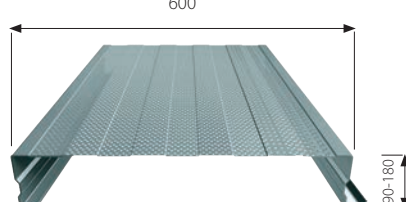
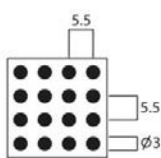
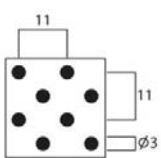
## FischerKASSETTE B

### Forms of delivery and dimensions

Designation		Sheet thickness t [mm]	Weight g [kg/m <sup>2</sup> ]	Element length max. L [m]	Cover Coating
KASSETTE B 90/600		0.75 0.88 1.00 1.25 1.50	8.48 9.95 11.30 14.13 16.96	18.3	15 µm Polyester/RSL SP 25**/RSL* 55% AlZn AZ 185 (Aluzink)  * Upon request
KASSETTE B100/600		0.75 0.88 1.00 1.25 1.50	8.67 10.18 11.57 14.46 17.35	18.3	
KASSETTE B110/600		0.75 0.88 1.00 1.25 1.50	8.87 10.41 11.83 14.78 17.74	18.3	
KASSETTE B120/600		0.75 0.88 1.00 1.25 1.50	9.22 10.82 12.30 15.37 18.45	18.3	
KASSETTE B130/600		0.75 0.88 1.00 1.25 1.50	9.42 11.05 12.56 15.70 18.84	18.3	
KASSETTE B140/600		0.75 0.88 1.00 1.25 1.50	9.71 11.40 12.95 16.19 19.43	18.3	
KASSETTE B145/600		0.75 0.88 1.00 1.25 1.50	9.71 11.40 12.95 16.19 19.43	18.3	
KASSETTE B160/600		0.75 0.88 1.00 1.25 1.50	10.01 11.74 13.35 16.68 20.02	18.3	
KASSETTE B180/600		0.75 0.88 1.00 1.25	10.40 12.20 13.87 17.34	18.0	
*Upon request **SP 25 = 25 µm Polyester		lacquer			RSL = 12 µm rear side protection

# FischerKASSETTE AK B

## Forms of delivery and dimensions

Designation		Sheet thickness t [mm]	Weight g [kg/m <sup>2</sup> ] Perfo 3	Weight g [kg/m <sup>2</sup> ] Perfo 4:	Element length max. L [m]	Cover Coating
KASSETTE AK B 90/600	 <p>Degree of perforation: Perfo 3: 23.4 % Perfo 4: 11.7 %</p> <p>Two perforation patterns by default Additional perforation patterns are available in larger amounts upon request</p>   <p>Perfo 3      Perfo 4</p>	0.75 0.88 1.00 1.25 1.50	7.46 8.75 9.95 12.43 14.92	7.97 9.35 10.63 13.28 15.94	18.3	15 µm Polyester/RSL SP 25**/RSL* 55% AlZn AZ 185 (Aluzink)*
KASSETTE Ak B100/600		0.75 0.88 1.00 1.25 1.50	7.66 8.98 10.21 12.76 15.31	8.17 9.58 10.89 13.61 16.33	18.3	
KASSETTE AK B110/600		0.75 0.88 1.00 1.25 1.50	7.85 9.21 10.47 13.09 15.71	8.36 9.81 11.15 13.94 16.72	18.3	
KASSETTE AK B120/600		0.75 0.88 1.00 1.25 1.50	8.21 9.63 10.94 13.68 16.41	8.72 10.23 11.62 14.53 17.43	18.3	
KASSETTE AK B130/600		0.75 0.88 1.00 1.25 1.50	8.40 9.86 11.20 14.00 16.81	8.91 10.46 11.88 14.85 17.82	18.3	
KASSETTE AK B140/600		0.75 0.88 1.00 1.25 1.50	8.70 10.20 11.60 14.50 17.39	9.21 10.80 12.27 15.34 18.41	18.3	
KASSETTE AK B145/600		0.75 0.88 1.00 1.25 1.50	8.70 10.20 11.60 14.50 17.39	9.21 10.80 12.27 15.34 18.41	18.3	
KASSETTE AK B160/600		0.75 0.88 1.00 1.25 1.50	8.99 10.55 11.99 14.99 17.98	9.50 11.15 12.67 15.83 19.00	18.3	
KASSETTE AK B180/600		0.75 0.88 1.00 1.25	9.38 11.01 12.51 15.64	9.89 11.61 13.19 16.49	18.0	
*Upon request **SP 25 = 25 µm Polyester lacquer RSL = 12 µm rear side protection						



Designation		Sheet thickness t [mm]	Weight g [kg/m²]	Element length max. L [m]	Cover Coating
WELLE Sinus 18/988 (steel)		0.70	6.6	12	SP 25**/RSL* 15 µm Polyester/RSL 55 % AlZn AZ 185 (Aluzink)
		0.75	7.6		
		0.88	8.3		
		1.00	9.4		
		1.25	11.7		
WELLE Sinus 18/1064 (steel)		0.70	6.6	12	
		0.75	7.6		
		0.88	8.3		
		1.00	9.4		
		1.25	11.7		
WELLE Sinus 27/1000 (steel)		0.70	7.0	12	
		0.75	7.5		
		0.88	8.8		
		1.00	10.0		
		1.25	12.5		
WELLE Sinus 42/960 (steel)		0.70	7.3	12	
		0.75	7.8		
		0.88	9.2		
		1.00	10.4		
		1.25	13.0		
WELLE Sinus 18/988 (Alu)		0.70	2.3	12	Aluminium shiny, smooth shiny render SP 25**/RSL*
		0.80	2.6		
		1.00	3.2		
WELLE Sinus 18/1064 (Alu)		0.70	2.3	12	
		0.80	2.6		
		1.00	3.2		
WELLE Sinus 27/1000 (Alu)		0.70	2.4	12	
		0.80	2.7		
		1.00	3.8		
WELLE Sinus 42/960 (Alu)		0.70	2.5	12	
		0.80	2.8		
		1.00	3.6		



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