



More information
www.fischer-international.com

www.fischer-international.com



fischer stands for

- Fixing Systems
- Automotive
- fischertechnik
- Consulting
- Electronic Solutions

fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1 · 72178 Waldachtal
Germany
www.fischer-international.com · facades@fischer.de



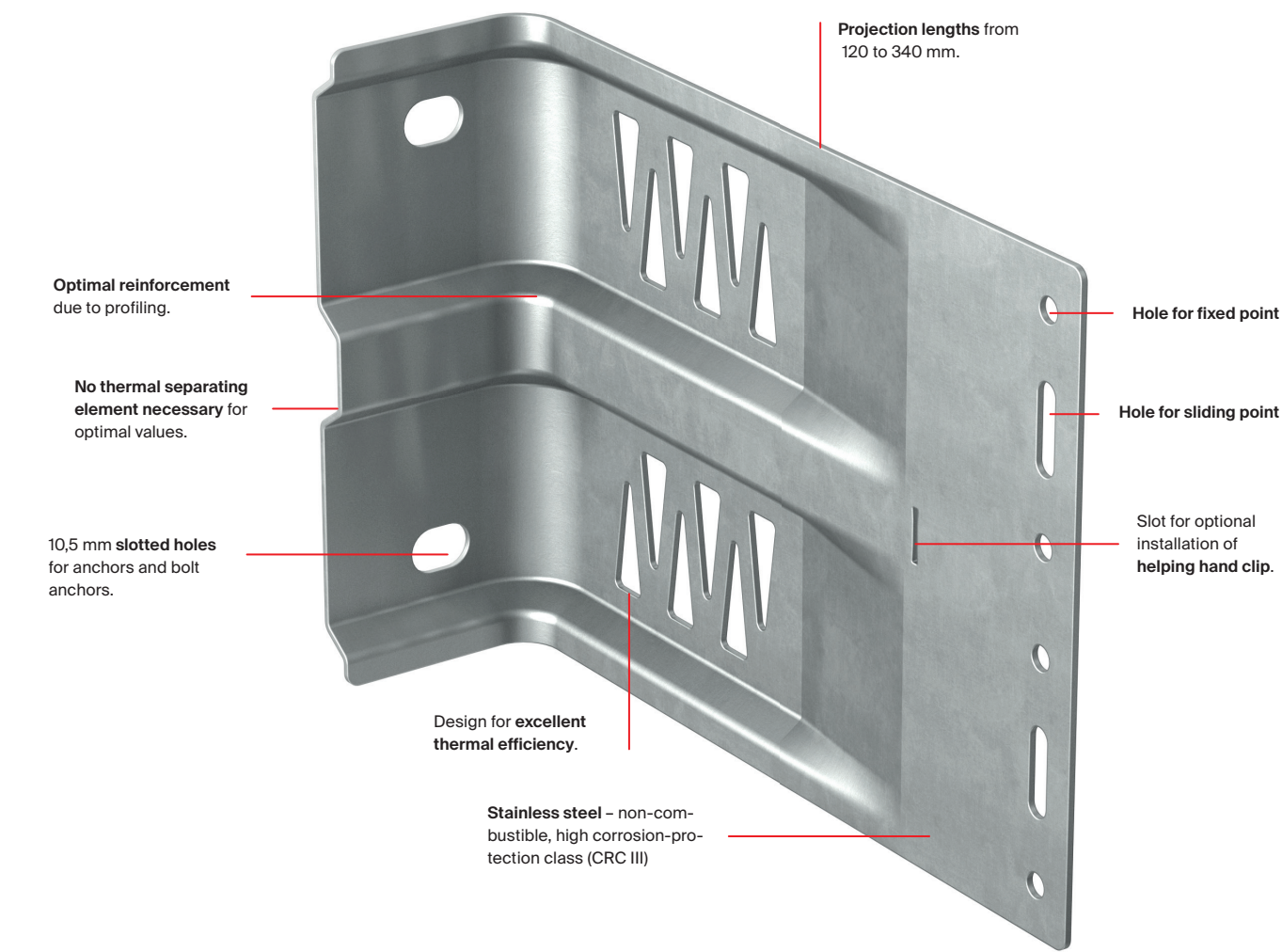
FLH R – the stainless steel wall holder for highest performance.



XXXXXX (I) · 10/2021 · V-MKS · Printed in Germany · Subject to technical modifications.

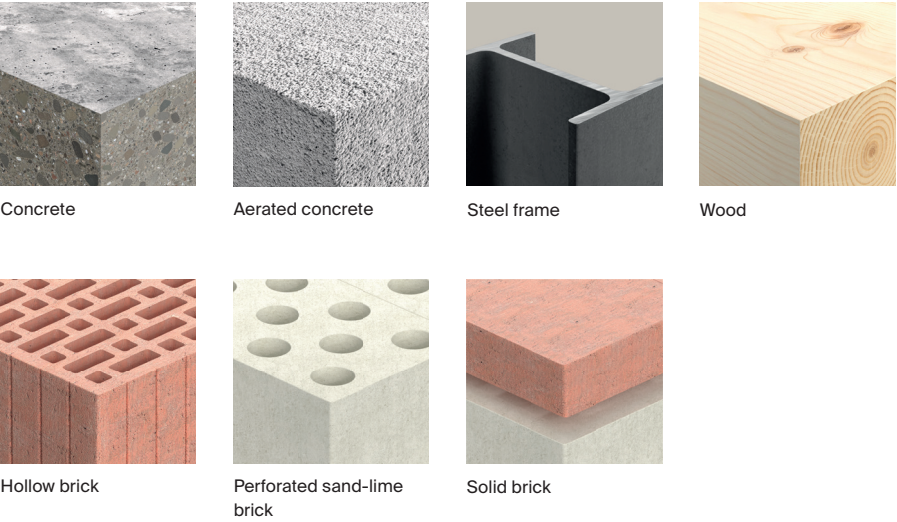
FLH R – for highest performance.

The stainless steel wall holder for energy efficiency, load transfer and non-combustibility.



Recommendations

Suitable for building substrates such as:



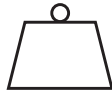
Advantages, functions and installation.

Your advantages at a glance

- Due to excellent building physical properties no thermal separating element is necessary. For more energy efficiency in façades.
- The profiling within the geometry enables optimal load transfer and thus a high load bearing capacity.
- The combination of wall holder and vertical profile provides for ideal compensation of tolerances in the building substrate.
- Compatible with all common fixing and connecting elements (e.g. fischer frame fixings and bolt anchors).
- The pre-defined hole pattern allows for quick and easy installation.
- Flexible adjustment of the vertical profile possible due to innovative helping hand clip on the wall holder.



Cost-effectiveness



Load-bearing capacity



Energy efficiency

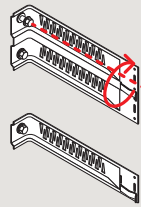
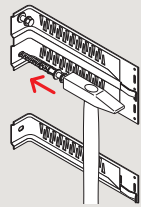
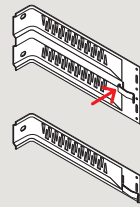
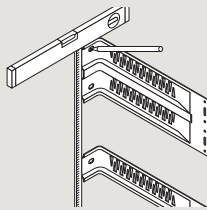


Non-combustibility

Functioning

- The FLH R is used as a wall holder in ventilated rainscreen façades for transferring loads from the façade into the building structure.
- The material stainless steel has excellent energetic characteristics due to a significantly lower thermal conductivity, compared to the standard aluminum.
- The cold-formed profiling in the length of the wall holder increases the structural performance. Thus, a thinner material can be used, which in turn improves the building-physical properties.
- The triangular perforations reduce the pass cross-section area and thus reduce the thermal transmittance of the wall holder.
- The helping hand clip can be mounted into the rectangular perforation, which makes the adjustment and installation of the vertical profile much easier.

Certificates



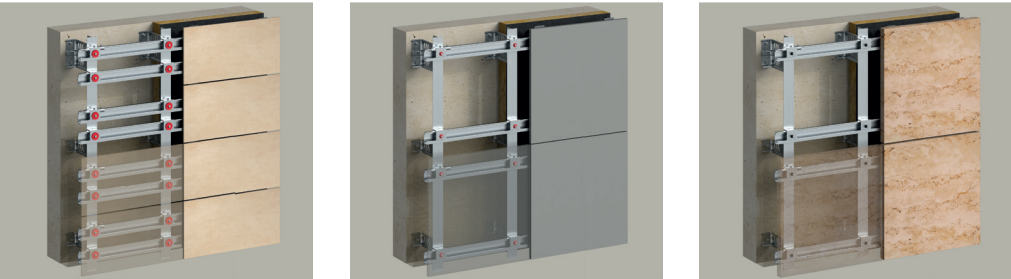


Applications

Vertical subframe system – for direct and visible fixing of façade cladding

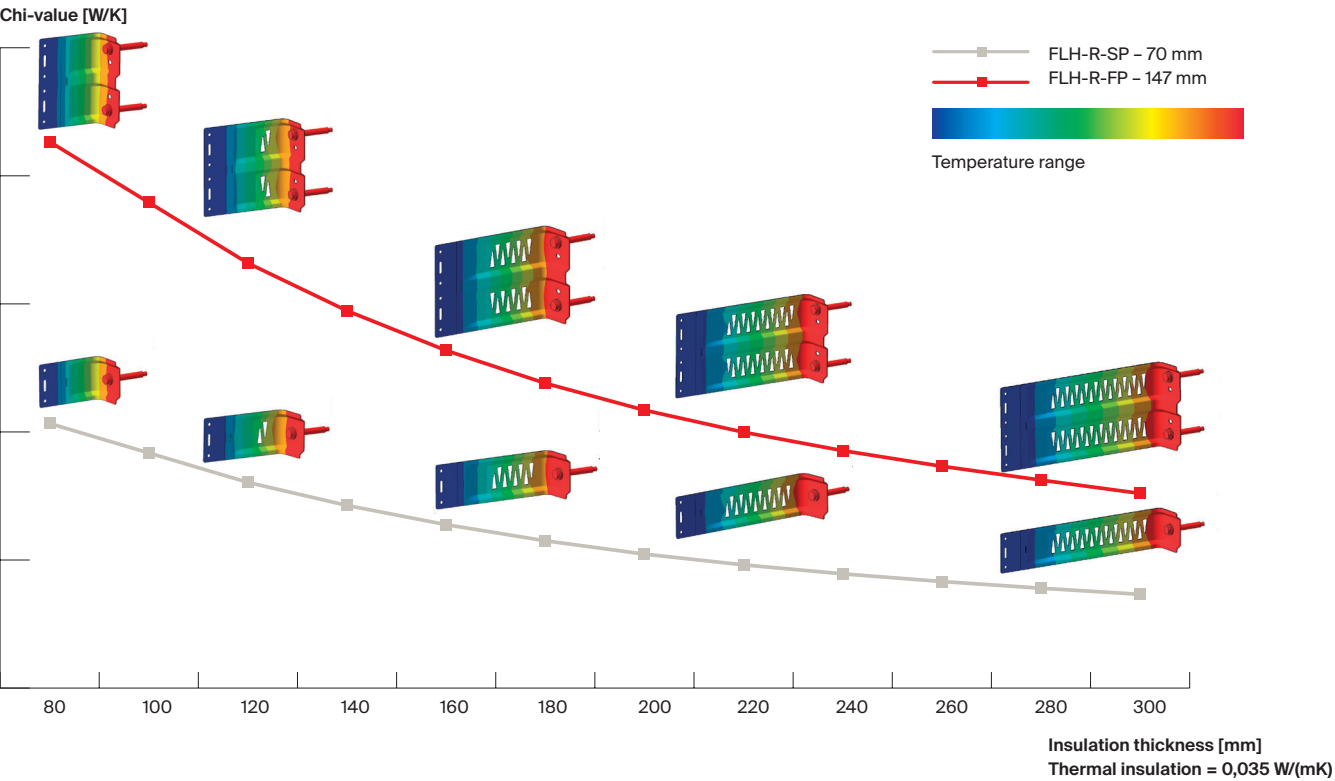


Vertical and horizontal subframe system – for concealed fixing of façade cladding



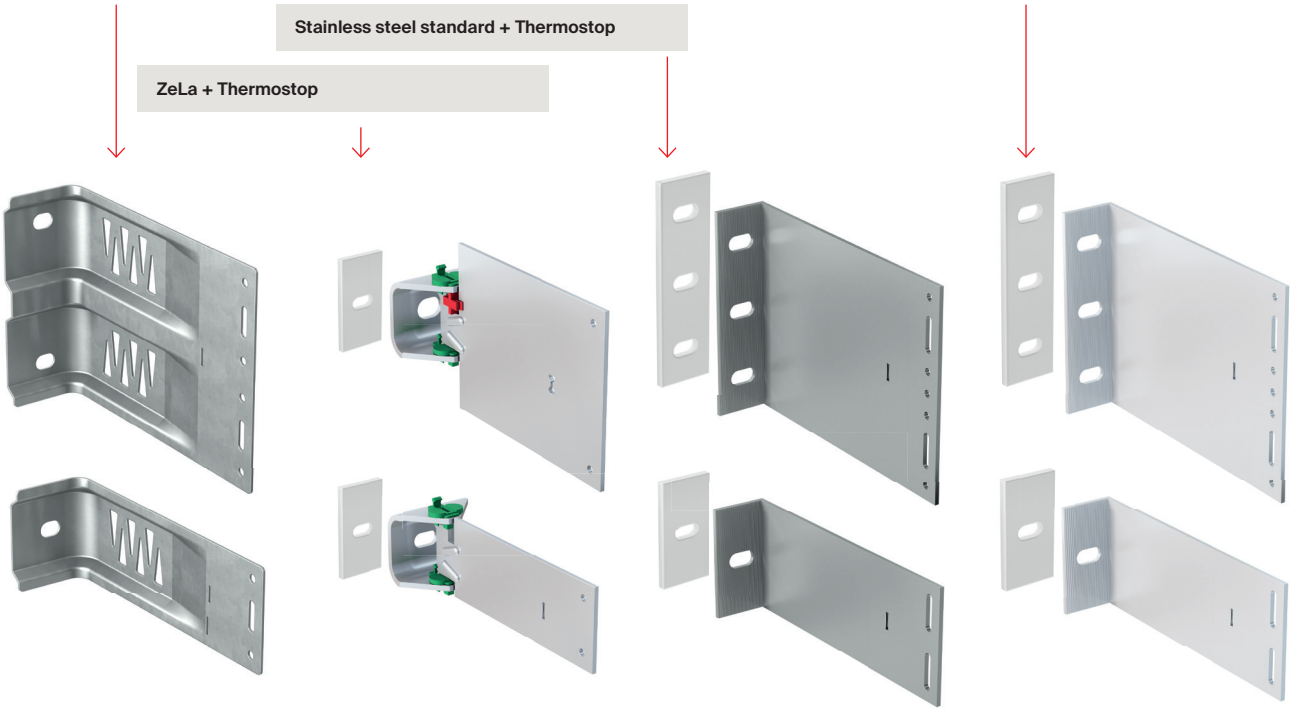
Building physical efficiency.

Thermal loss on concrete substrate with insulation thickness.



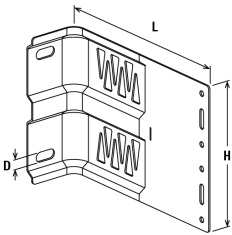
Energy efficiency*

A + 0.005	A 0.01	B 0.03	C 0.045	D 0.06	E 0.08	F 0.1	G 0.12	H 0.15
FLH R				Aluminum standard + Thermostop				



*The bar shows the efficiency classes according to the German association for ventilated rainscreen façades. It describes the thermal bridge adjustment due to the sub-structure per m² and shows which wall holders can achieve these values. The so-called U-value is given in [W/m²*K].

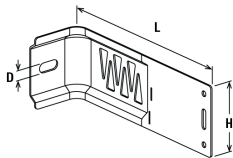
Assortment and accessories.



Stainless steel wall holder FLH R assortment



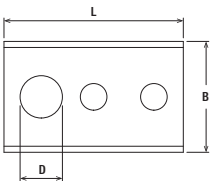
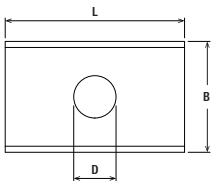
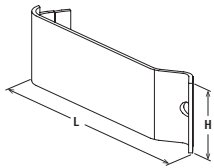
		Sales unit	Height	Length	Material thickness	Diameter of anchorage holes
	Art.-No.	[pcs]	H [mm]	L [mm]	t [mm]	D [mm]
Item						
FLH 120x147x1.5/10.5/F-SP R	562788	20	147	120	1.5	2x 10.5x15
FLH 140x147x1.5/10.5/F-SP R	562789	20	147	140	1.5	2x 10.5x15
FLH 160x147x1.5/10.5/F-SP R	562790	20	147	160	1.5	2x 10.5x15
FLH 180x147x1.5/10.5/F-SP R	562791	20	147	180	1.5	2x 10.5x15
FLH 200x147x1.5/10.5/F-SP R	562792	20	147	200	1.5	2x 10.5x15
FLH 220x147x1.5/10.5/F-SP R	562793	20	147	220	1.5	2x 10.5x15
FLH 240x147x1.5/10.5/F-SP R	562794	20	147	240	1.5	2x 10.5x15
FLH 260x147x1.5/10.5/F-SP R	562795	20	147	260	1.5	2x 10.5x15
FLH 280x147x1.5/10.5/F-SP R	562796	20	147	280	1.5	2x 10.5x15
FLH 300x147x1.5/10.5/F-SP R	562797	20	147	300	1.5	2x 10.5x15
FLH 320x147x1.5/10.5/F-SP R	562798	20	147	320	1.5	2x 10.5x15
FLH 340x147x1.5/10.5/F-SP R	562799	20	147	340	1.5	2x 10.5x15



Stainless steel wall holder FLH R assortment



		Sales unit	Height	Lenght	Material thickness	Diameter of anchorage holes
	Art.-No.	[pcs]	H [mm]	L [mm]	t [mm]	D [mm]
Item						
FLH 120x70x1.5/10.5/F-SP R	562800	40	70	120	1.5	1x 10.5x15
FLH 140x70x1.5/10.5/F-SP R	562801	40	70	140	1.5	1x 10.5x15
FLH 160x70x1.5/10.5/F-SP R	562802	40	70	160	1.5	1x 10.5x15
FLH 180x70x1.5/10.5/F-SP R	562803	40	70	180	1.5	1x 10.5x15
FLH 200x70x1.5/10.5/F-SP R	562804	40	70	200	1.5	1x 10.5x15
FLH 220x70x1.5/10.5/F-SP R	562805	40	70	220	1.5	1x 10.5x15
FLH 240x70x1.5/10.5/F-SP R	562806	40	70	240	1.5	1x 10.5x15
FLH 260x70x1.5/10.5/F-SP R	562807	40	70	260	1.5	1x 10.5x15
FLH 280x70x1.5/10.5/F-SP R	562808	40	70	280	1.5	1x 10.5x15
FLH 300x70x1.5/10.5/F-SP R	562809	40	70	300	1.5	1x 10.5x15
FLH 320x70x1.5/10.5/F-SP R	562810	40	70	320	1.5	1x 10.5x15
FLH 340x70x1.5/10.5/F-SP R	562811	40	70	340	1.5	1x 10.5x15



Accessories



Helping hand clip



Washer



Washer

		Sales unit	Diameter of anchorage holes
	Art.-No.	[pcs]	D [mm]
Item			
Helping hand clip	547170	100	–
Washer 10.5 FLH-R	562813	40	10,5
Washer 10.5/2x6.6 FLH-R	562812	40	10,5 / 2x 6,6