

PF-ALU-CER

ANCHORING SYSTEMS FOR VENTILATED FAÇADES



Stainless steel alloy Aisi 304 (A2) standard [A4 upon request]

Elastic limit [N/mm ²]	175
Elasticity module [N/mm ²]	210.000
Transversal elasticity module [N/mm ²]	81.000
Poisson coefficient	0.3
Thermal dilatation coefficient [1/C]	1.2.10 ⁻⁵
Density [kg/m ³]	7.850

Aluminium EN AW - 6005A

Product shape	Extruded profile
Elastic limit with 0.2 deformation [N/mm ²]	225
Breaking point [N/mm ²]	270
Minimum lengthening	8
Elasticity module [N/mm ²]	70.000
Trasversal elasticity module [N/mm ²]	27.000
Poisson coefficient	0.3
Thermal dilatation coefficient [1/C]	2.3.10 ⁻⁶
Density [Kg/m ³]	2.700

DESCRIPTION

Anchor positioned parallel to the PF-ALU profile consisting of a single machined flat bar specifically designed for 5 to 25 thick claddings with panels that are frontally almost hidden because it can optionally be lacquered with the RAL color of the cladding to be supported. Highly versatile anchor that allows to easily reposition the cladding panels and/or replace them, always ensuring that the joint between the panels is mechanically kept stable. The system is equipped with a stainless steel spring and a bushing that maintain the cladding free from vibration and/or movement. It is available in two versions GR-PLC-46 and GR-PLC-100, depending on the size and the layout of the cladding to be supported.

Ideal to solve the fastening of claddings with horizontally positioned panels using two continuous joints in large panels. The PF-ALU/CER system also enables parts to be put into place with horizontal or vertical locked joints. GR-CER-100 GR-CER-46 GR-CER-46.



GR-CER-100



GR-CER-46



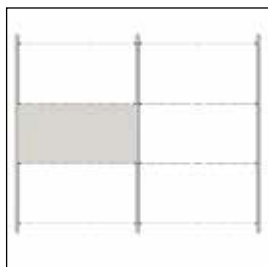
GR-CER-46

· Minimum wall cladding thickness: 5 mm. Maximum thickness: 25 mm.

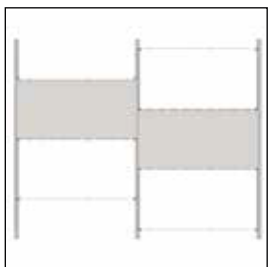
· Recommended minimum joint: 6mm horizontally and 3 mm. vertically.

· No machining required (anchoring with visible flanges).

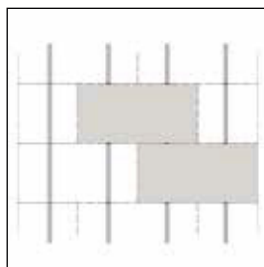
· Calculations made with maximum densities up to 3000 kg/m³.



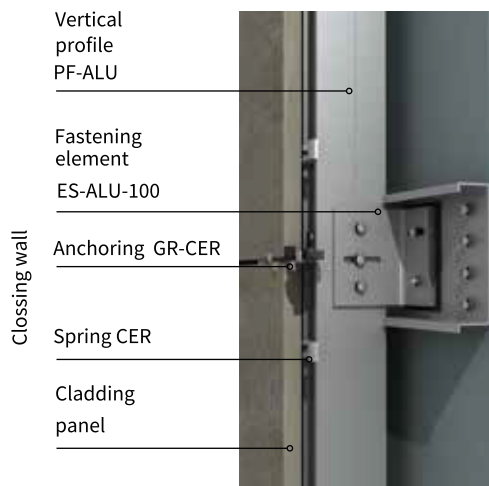
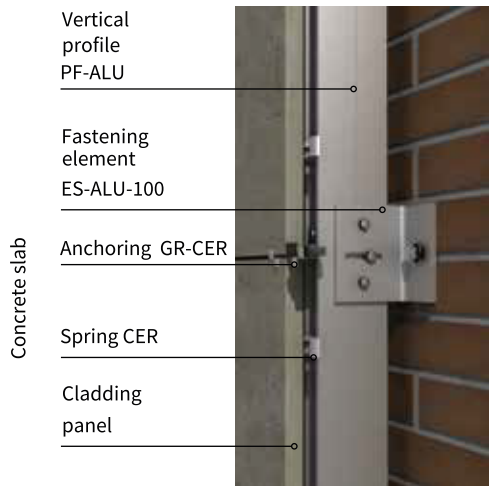
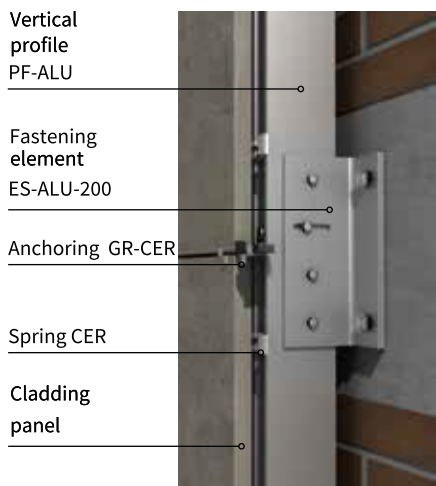
Continuous horizontal and vertical joint



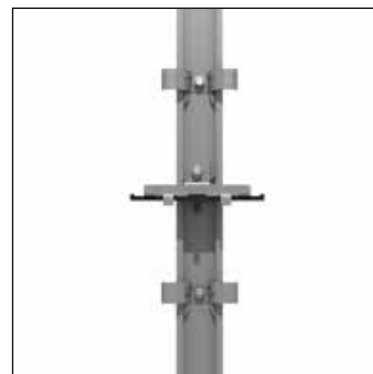
Continuous vertical joint



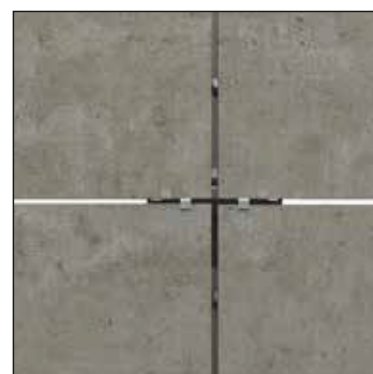
Continuous horizontal joint



Drywall with Aquapanel



Front section of anchoring GR-CER mounted on profile PF-ALU



Front section of anchoring GR-CER with panel already installed.



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