

# PF-ALU-CLA

ANCHORING SYSTEMS FOR VENTILATED FAÇADES



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

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

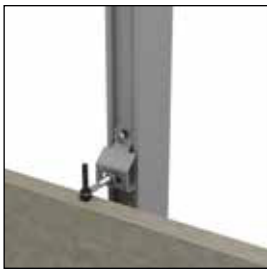
**Aluminium EN AW - 6005A**

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

DESCRIPTION

Parallel positioned anchoring of a great capacity and resistance, specifically designed to be mounted on PF-ALU aluminum profiles. The technique implemented in this type of anchoring features the use of a stamped and machined double flat stainless steel bar that allows adjusting the axis (x), supplementary to that of the profile, by means of a simple set of nut and lock nut in order to ensure proper vertical and horizontal alignment. Axis (y) is adjustable by means of the movement within its own position along the length of the profile, to which it is fixed with a self-tapping screw to prevent the clip from falling. Axis (z) allows a movement within its own position of up to 20 mm, supplementary to that of the fastening elements of the profiles.

This clip model is available in different sizes to better adapt to the specific characteristics of each cladding, load and wind conditions. System designed to solve the fastening of claddings with horizontally positioned panels using two continuous joints (alternatively possible to use 50% locked joints in large panels). Recommended for less compact material (for example: Sandstone).

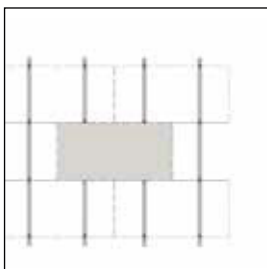


GR-CLA

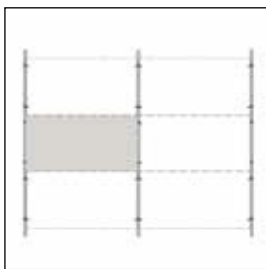


GR-CLA

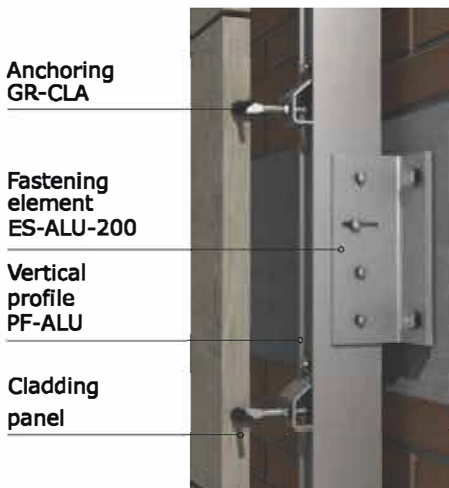
- Minimum wall cladding thickness: 30 mm.
- Recommended minimum joint: 6mm horizontally with free vertical movement
- Machining: Drill diameter 7.5 mm.
- Calculations made with maximum densities up to 3000 kg/ m<sup>3</sup>.



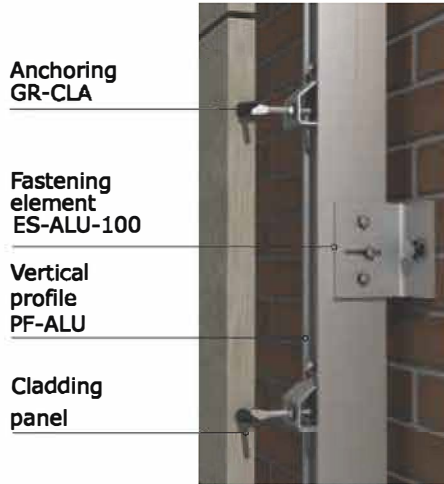
Horizontal joint



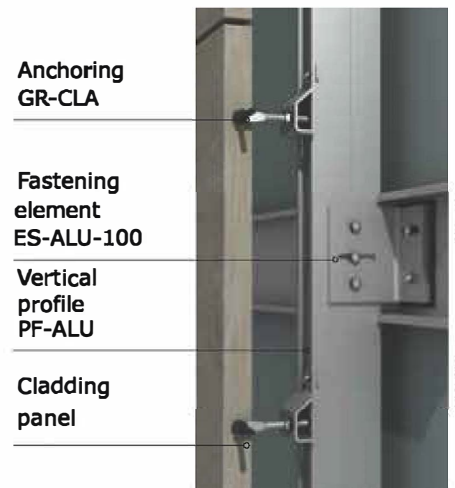
Vertical joint



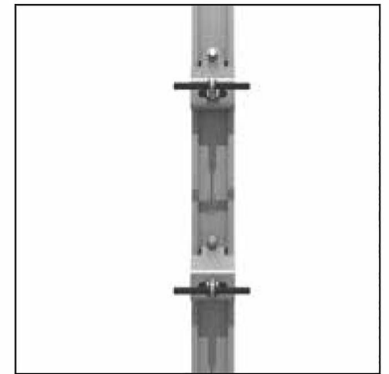
Concrete slab



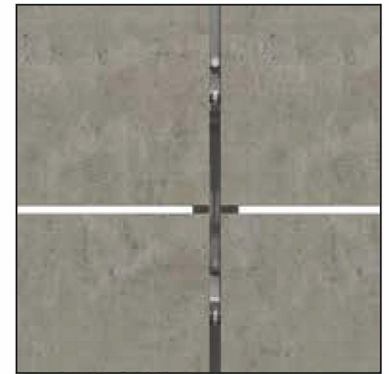
Closing wall



Drywall with Aquapanel



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



Front section of GR-CLA anchoring with panel already installed



[export@nordicext.com](mailto:export@nordicext.com)



[www.nordicext.com](http://www.nordicext.com)



+90 216 594 50 30



Ferhatpasa Mahallesi  
Akdal Sokak No:5  
Atasehir / ISTANBUL  
TURKEY

NORDIC