

PF-AL-T/SO

ANCHORING SYSTEMS FOR VENTILATED FAÇADES



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

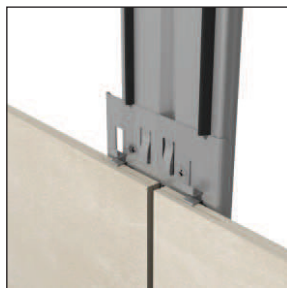
Elastic limit [N/mm ²]	175
Elasticity module [N/mm ²]	210.000
Transversal elasticity module [N/mm ²]	81.000
Poisson coefficient	0.3
Thermal dilatation coefficient [1/C]	1.2.10 ⁻⁵
Density [kg/m ³]	7.850

Aluminium EN AW - 6005A

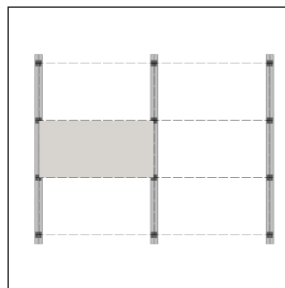
Product shape	Extruded profile
Elastic limit with 0.2 deformation [N/mm ²]	225
Breaking point [N/mm ²]	270
Minimum lengthening	8
Elasticity module [N/mm ²]	70.000
Trasversal elasticity module [N/mm ²]	27.000
Poisson coefficient	0.3
Thermal dilatation coefficient [1/C]	2.3.10 ⁻⁶
Density [Kg/m ³]	2.700

DESCRIPTION

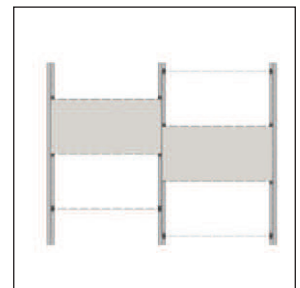
Completely hidden anchoring, which is positioned parallel to the vertical uprights and is especially designed for thin claddings, in particular porcelain stoneware. The whole system is applied with high specification adhesive in order to guarantee correct fastening with the highest level of safety. The system is easy to be applied and requires an e:1 mm machining on the edge of the cladding panels in order to house the anchoring flanges. There are two versions available, Pin and Terminal, depending on the area of cladding to be fastened. Especially suitable for claddings with horizontally positioned panels using two continuous joints (alternatively possible to use 50% locked joints).



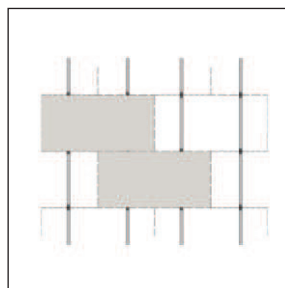
GR-SO - Doble-100
anchoring at the intersection
of joints



GR-SO - Doble-46
anchoring to terminals
or pins



GR-SO - Doble - 46
with horizontal locked
joints

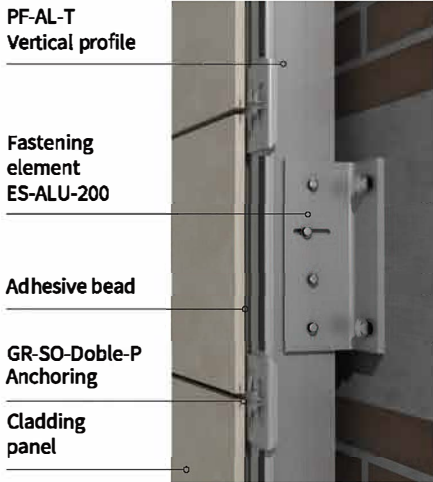


· Minimum wall cladding thickness: 8 mm.
(provided that it can be machined)

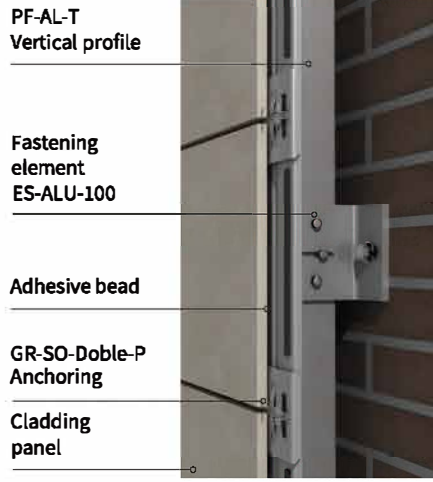
· Recommended minimum joint: 7 mm
horizontally and 3 mm vertically.

· Machining: slot e: 1,5 mm.

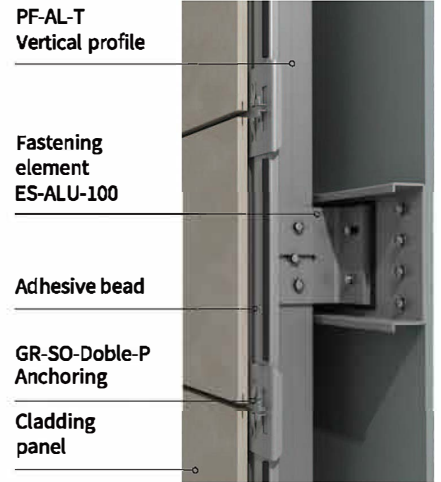
· Calculations made with maximum densities up
to 3000 kg/m³.



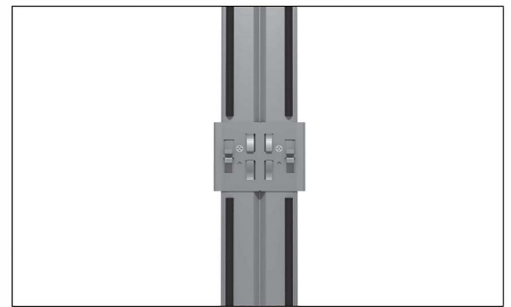
Concrete slab



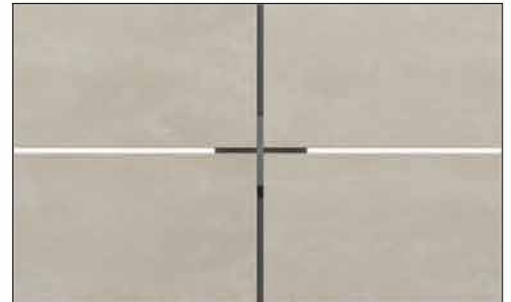
Closing wall



Drywall with Aquapanel



Front section of GR-SO-Doble-100-P anchoring with panel already installed.



Front section of GR-SO-Doble-100-P anchoring mounted on profile PF-ALT.

The GR-SO anchor is placed on the vertical profile in any of the PF-AL-T, L, J, TT, JT, T35 and J35 models centered on the base profile, allowing a right and left shift of 20 mm due to its larger size and its lateral flanges on the 100 Pin model and 10 mm on the 46 Terminal model, favoring the centering of the cladding panel and avoiding any imbalance in the distribution of weights.

The connection to the vertical profile is made with a drill bit screw with an extra-flat head DIN 7504 4.2 x 12.7 made from stainless steel. A2/A4.



Multi-purpose elastic adhesive putty based on mono-component polyurethane with a medium to high curing module with atmospheric humidity. The application method is very simple, using cords in the vertical profile, requiring a primer or bonding bridge prior to application for correct adhesion to the profile and later to the porcelain stoneware.



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