



## PF2101. Aluminum anchor for grooved stone.

It is a profiles system, made of aluminum 6063 / T5, which connecting element with the cladding is a punctual anchor, also made of aluminum, for grooved stone.

Recommended for any kind of support, it helps to solve irregularities on it.

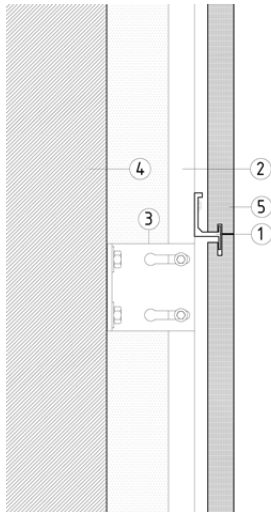
Each anchor can support up to four pieces.

For horizontal joints, the system is completely hidden.

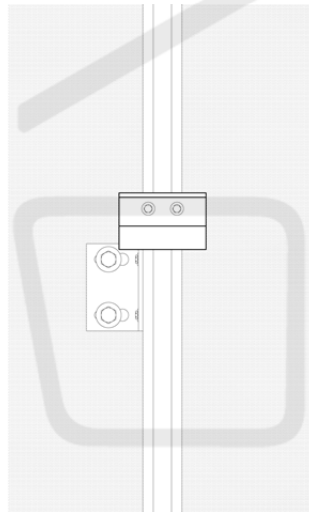
Recommended for facade configurations with continuous joints.

The following table indicates the load values for the most requested products of the series.

For any question please contact our technical department in [letstalk@perfilstoneinnova.com](mailto:letstalk@perfilstoneinnova.com)



1. Anchor for grooved stone
2. Vertical profile
3. Bracket
4. Wall
5. Cladding



H = vertical separation between brackets  
a = vertical separation between anchors  
b = horizontal separation between vertical profiles

Allowables wind load values ( $q_s = \text{kN/m}^2$ ) according to dimensions.

| H<br>(cm) | b    |      |      |      |      |      |
|-----------|------|------|------|------|------|------|
|           |      | 80   | 90   | 100  | 110  | 120  |
| 150       | a    |      |      |      |      |      |
|           | 80   | 0.55 | 0.49 | 0.44 | 0.40 | 0.37 |
|           | 70   | 0.72 | 0.64 | 0.58 | 0.53 | 0.48 |
|           | 60   | 0.61 | 0.55 | 0.49 | 0.45 | 0.41 |
|           | 50   | 0.49 | 0.43 | 0.39 | 0.35 | 0.32 |
| 140       | 40   | 0.53 | 0.47 | 0.43 | 0.39 | 0.35 |
|           | 80   | 0.77 | 0.69 | 0.62 | 0.56 | 0.51 |
|           | 70   | 0.61 | 0.54 | 0.49 | 0.44 | 0.40 |
|           | 60   | 0.82 | 0.73 | 0.66 | 0.60 | 0.55 |
|           | 50   | 0.65 | 0.58 | 0.52 | 0.47 | 0.44 |
| 130       | 40   | 0.71 | 0.63 | 0.57 | 0.52 | 0.47 |
|           | 80   | 1.15 | 1.02 | 0.92 | 0.84 | 0.77 |
|           | 70   | 0.86 | 0.76 | 0.69 | 0.62 | 0.57 |
|           | 60   | 1.10 | 0.98 | 0.88 | 0.80 | 0.73 |
|           | 50   | 0.89 | 0.80 | 0.72 | 0.65 | 0.60 |
| 120       | 40   | 0.96 | 0.85 | 0.77 | 0.70 | 0.64 |
|           | 80   | 1.71 | 1.52 | 1.37 | 1.25 | 1.14 |
|           | 70   | 1.28 | 1.14 | 1.03 | 0.93 | 0.85 |
|           | 60   | 0.96 | 0.86 | 0.77 | 0.70 | 0.64 |
|           | 50   | 1.26 | 1.12 | 1.00 | 0.92 | 0.84 |
| 110       | 40   | 0.95 | 0.85 | 0.76 | 0.69 | 0.64 |
|           | 80   | 1.87 | 1.66 | 1.49 | 1.36 | 1.25 |
|           | 70   | 1.87 | 1.66 | 1.49 | 1.36 | 1.25 |
|           | 60   | 1.45 | 1.29 | 1.16 | 1.05 | 0.96 |
|           | 50   | 1.79 | 1.59 | 1.44 | 1.30 | 1.19 |
| 100       | 40   | 1.37 | 1.22 | 1.10 | 1.00 | 0.92 |
|           | 80   | 2.05 | 1.83 | 1.64 | 1.49 | 1.37 |
|           | 70   | 2.05 | 1.83 | 1.64 | 1.49 | 1.37 |
|           | 60   | 2.05 | 1.83 | 1.64 | 1.49 | 1.37 |
|           | 50   | 1.66 | 1.48 | 1.33 | 1.21 | 1.11 |
| 40        | 2.07 | 1.84 | 1.65 | 1.50 | 1.38 |      |

Load values are in kN for maximum deformation of 1,4 mm.

These values relate exclusively to the flexural strength of the system made of aluminum 6063/T5.

The values assume a correct fixation of the system to the wall, so it must be the right for each system. However, it is recommended a test on site.

Both manufacturing and testing are carried out according UNE 41957/1:2000