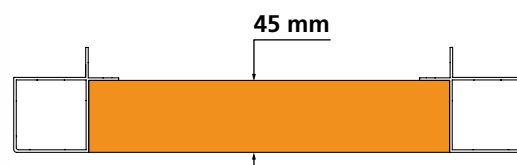


Standard system with nylon corners

Panel thickness 45 mm
External dimension 50 mm



This is the “light” standard system thanks to the use of nylon corners. Since it is a standard series, the assembly procedure of the different parts of the frame remains unchanged.

Test of air tightness [internal report]

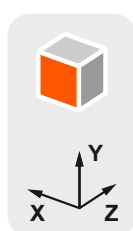
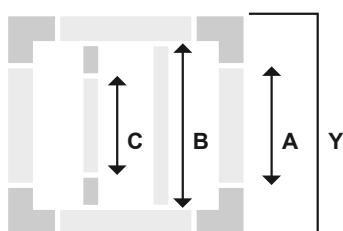
Corner	Profile	sec	Liters	coeff.	area m ²	Transformed f(400)	PR EN 1886:2003 Air leakage
AFG530-450	P150-45000	60	50	0,833	4,77	0,4302	L2
		120	100	0,833	4,77	0,4302	L2

Tests carried out with standard assembly product, without using silicone. Dimension of the tested unit: 853x853x730 mm.

Aim of the test was to catalog the actual performance of the APS structures without extra arrangements.

These values have created a starting point to improve our products.

Cutting conditions of the profiles



$$A = Y - 150 \text{ mm} / 5.85''$$

$$B = Y - 100 \text{ mm} / 3.9''$$

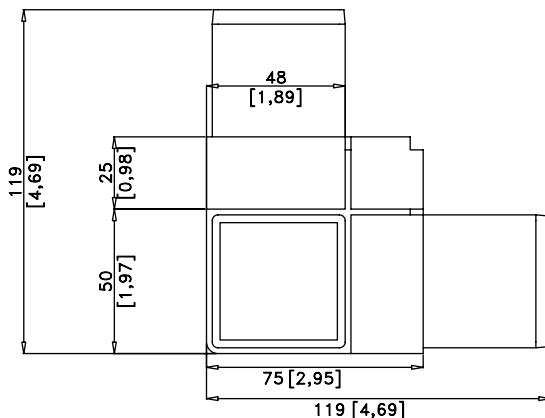
$$C = Y - 140 \text{ mm} / 5.46''$$

The formulas are valid for all sides of the module
Y = external dimension

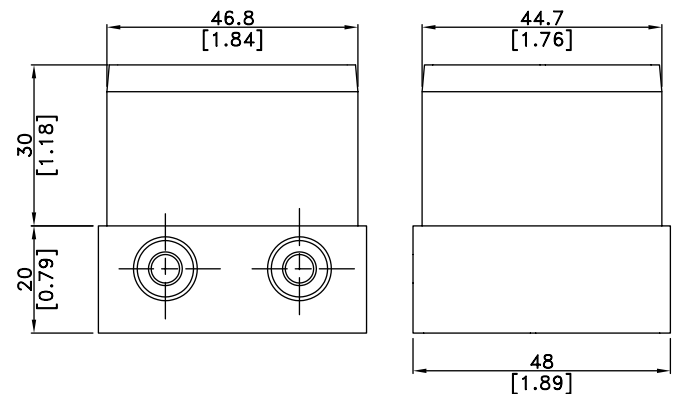
Nylon accessories

AFG530-450 Main corner	GFG250-450 Omega joint	TECHNICAL DATA	
		Panel thickness	45 mm / 1.76"
Weight: 193 g	Weight: 46 g	Material	PA6 + GF 20%
		Color	RAL

AFG530-450

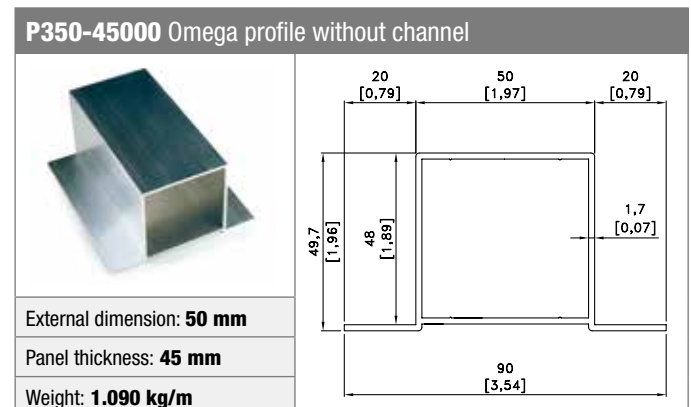
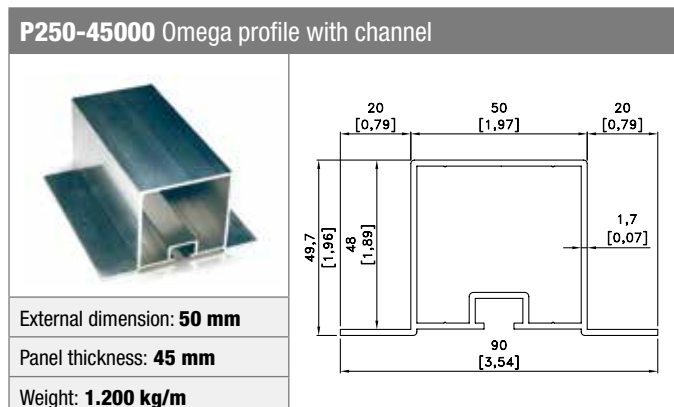
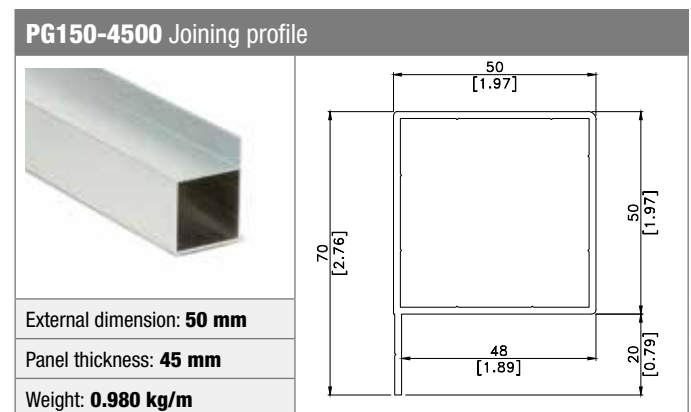
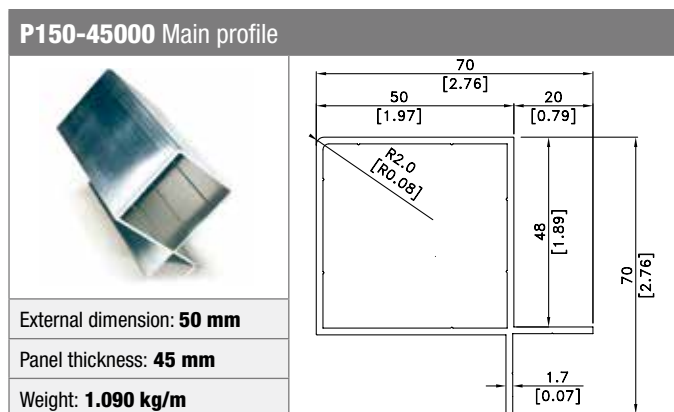


GFG250-450



Aluminium profiles

TECHNICAL DATA	
Material	Extruded aluminium EN AW 6060
Treatment	T6
Color	RAL

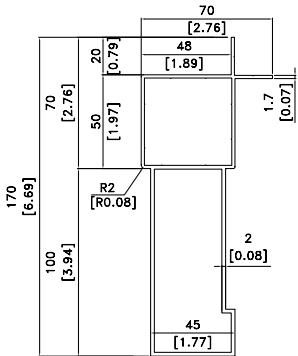


Bases

BAS150-450 Base profile



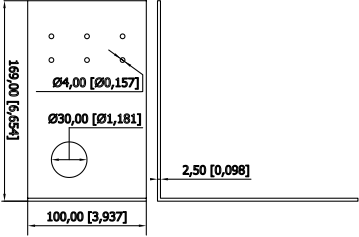
External dimension: 50 mm
Panel thickness: 45 mm
Weight: 2.520 kg/m



FE-1000000 Corner for base



External dimension: 100 mm
Material: Galvanized steel
Weight: 610 g

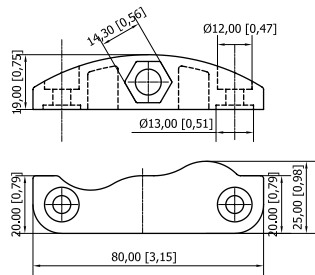


Unit connection

TH5009-000 Unit connection with screws



External dimension: 40 mm
Material: EN AB 46100
Weight: 44 g



GU-9000000 90° Unit connection



External dimension: 40 mm
Material: EN AB 46100
Weight: 116 g

