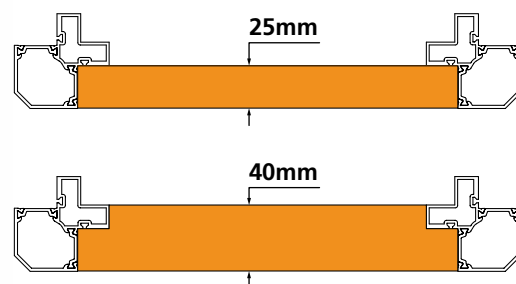


Thermal break system

Panel thickness 25-40 mm
External dimension 40 mm



The thermal break is the best method to contrast the temperature differences between the inside and outside of the unit. Mainly used in those environments where extreme climatic conditions exist, it avoids the formation of condensate inside the chambers.

The thermal break series is in continuous growth, in order to satisfy the most different needs of manufacturers with the APS Arosio quality.

Test of air tightness [internal report]

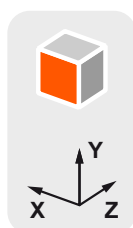
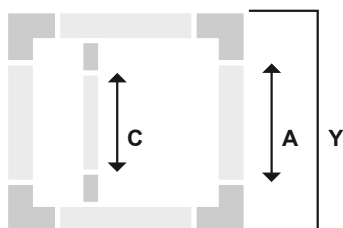
Corner	Profile	sec	Liters	coeff.	area m ²	Transformed f(400)	PR EN 1886:2003 Air leakage
AFGTT40-25	PTT140-250	60	138	2,300	4,69	1,2075	L3
		120	276	2,300	4,69	1,2075	L3

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



$$A = Y - 120 \text{ mm} / 4.72''$$

$$C = Y - 130 \text{ mm} / 6.11''$$

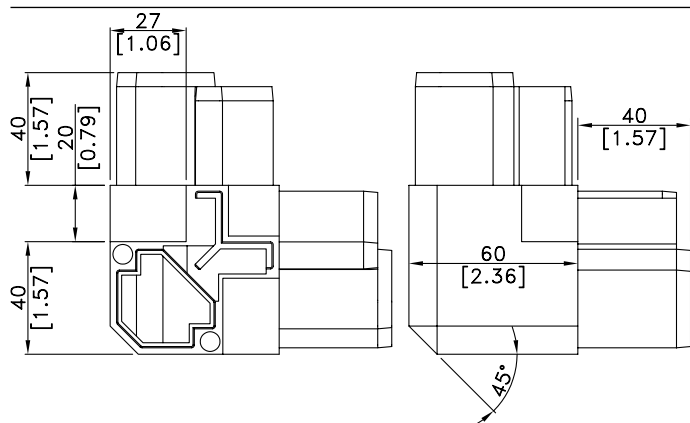
The formulas are valid for all sides of the module

Y = external dimension

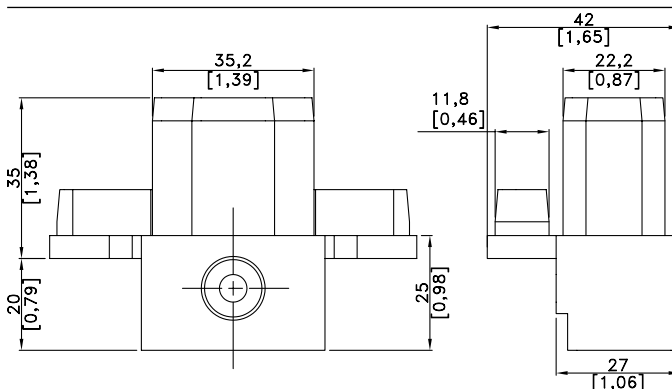
Nylon accessories

AFGTT40-25 Main corner	GFGTT40-25 Omega joint	TECHNICAL DATA	
		Panel thickness	25-40 mm / 0.98-1.56"
		Material	PA6 + GF 20%
		Color	Black
Weight: 129 g	Weight: 29 g		

AFGTT40-25


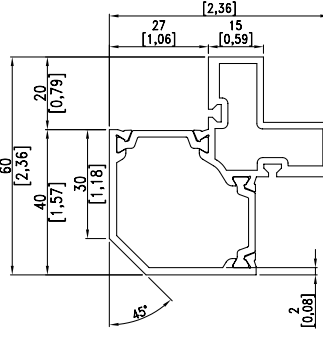



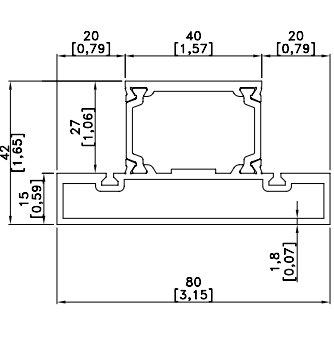
GFGTT40-25



Thermal break aluminium profiles

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

PTT140-250 Main profile	
	
External dimension: 40 mm	
Panel thickness: 25-40 mm	
Weight: 1.490 kg/m	

PTT240-250 Omega profile without channel	
	
External dimension: 40 mm	
Panel thickness: 25-40 mm	
Weight: 1.720 kg/m	