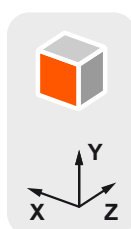
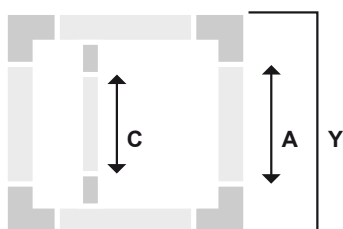


The Pileo system permits the production of frames with 16 mm thick panels. This system is unusual in that it allows one to cut panels produced in-house with a simple circular saw. Simple sheets are cut into panels for frames, such as door panels, with the PILE0000-2 profile. The PLBP-00000 "panel block", instead, is used to fasten the fixed panels in a secure and efficient manner (without need for further framing). This eliminates the need for expensive sheet processing centres.

The Pileo system permits the more independent and flexible manufacture of air handling units, without burdensome investment in heavy-duty machinery. The system comprises a set of perfectly integrated components. The result is the harmonious and precise nature of the frame, meeting even the most demanding of technical and aesthetic needs.

Cutting conditions of the profiles



$$A = Y - 100 \text{ mm} / 3.90"$$

$$C = Y - 100 \text{ mm} / 3.90"$$

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

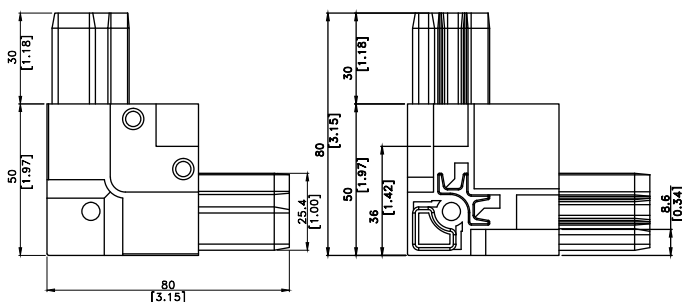
Nylon corners

TECHNICAL DATA

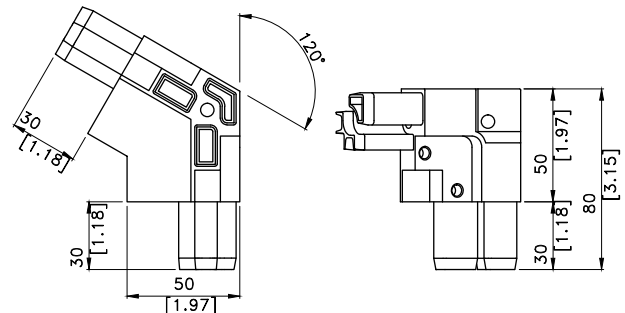
Panel thickness	16 mm / 0.62"
Material	PA6 + FG 20%
Color	RAL 7035

PLFG40-160 Main corner	PLFG43-160 120° main corner	PLFG41-160 Joining corner
		
Weight: 75 g	Weight: 104 g	Weight: 70 g

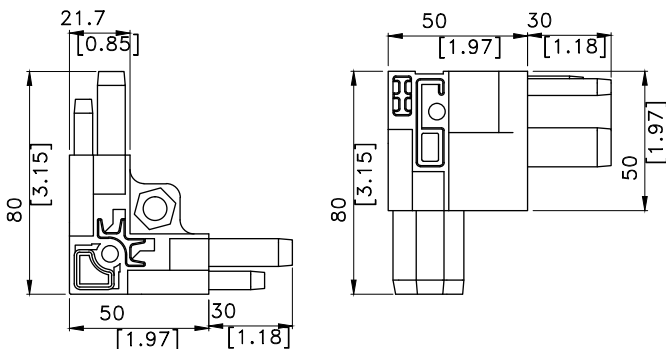
PLFG40-160



PLFG43-160



PLFG41-160



Nylon accessories

PLFG42-160 Omega joint	PLCP-12000 120° cap panel cover	PLCP-90000 90° cap panel cover	TECHNICAL DATA Panel thickness 16 mm / 0.62" Material PA6 + FG 20% Color RAL 7035
			
Weight: 10 g	Weight: 7 g	Weight: 9 g	

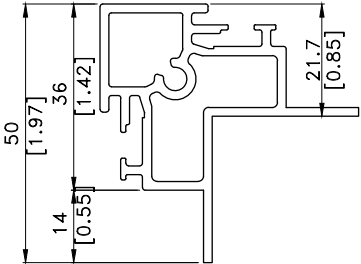

Aluminium profiles

TECHNICAL DATA

Material	Extruded aluminium EN AW 6060
Treatment	T6

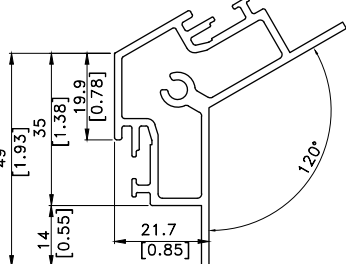

Color	RAL
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PL4016-000 Main profile



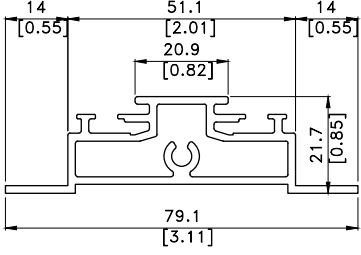
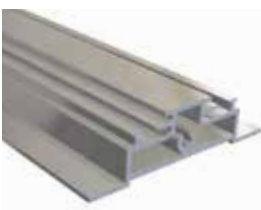
External dimension: 21 mm
Panel thickness: 16 mm
Weight: 1.040 kg/m

PL4316-000 120° main profile



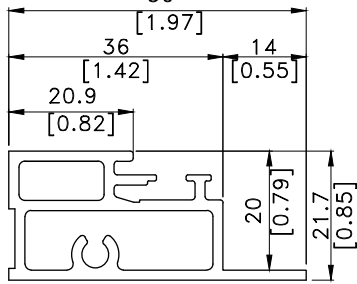

External dimension: 20 mm
Panel thickness: 16 mm
Weight: 1.130 kg/m

PL4216-000 Omega profile



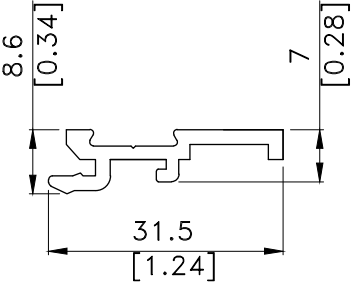

External dimension: 21 mm
Panel thickness: 16 mm
Weight: 1.032 kg/m

PL4116-000 Joining profile



External dimension: 21 mm
Panel thickness: 16 mm
Weight: 0.800 kg/m

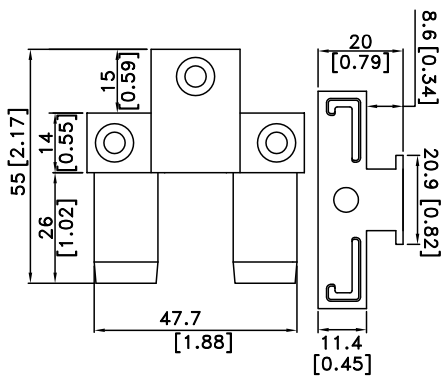
PLBP-00000 Panel block profile



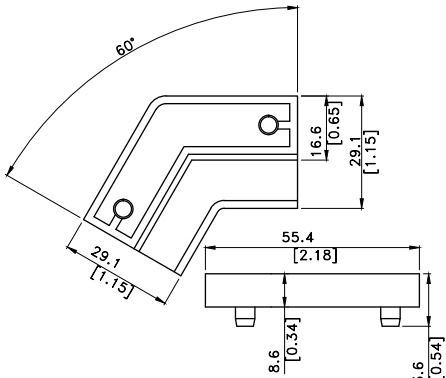
External dimension: 4 mm
Panel thickness: 16 mm
Weight: 0.281 kg/m



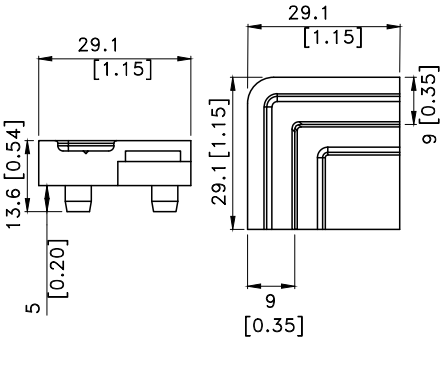
PLFG42-160



PLCP-12000




PLCP-90000




Panel

PLFG44-160 Nylon corner




External dimension: 33,5 mm
Material: PA6 + GF20%
Weight: 40 g

PILE0000-2 Aluminium profile




External dimension: 33.5 mm
Material: EN AW 6060
Weight: 0.510 Kg/m

GUAR.00014 Extruded gasket




Dimension: -
Material: TPE-V
Weight: -

PILE0000-4 Aluminium omega profile



External dimension: 20 mm
Material: EN AW 6060
Weight: 0.374 Kg/m

GUAR.01737 Moulded corner gasket



Dimension: -
Material: Rubber
Weight: 1 g