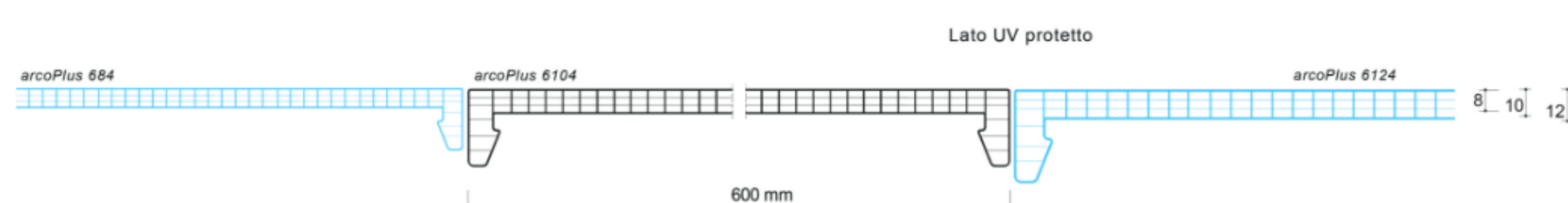
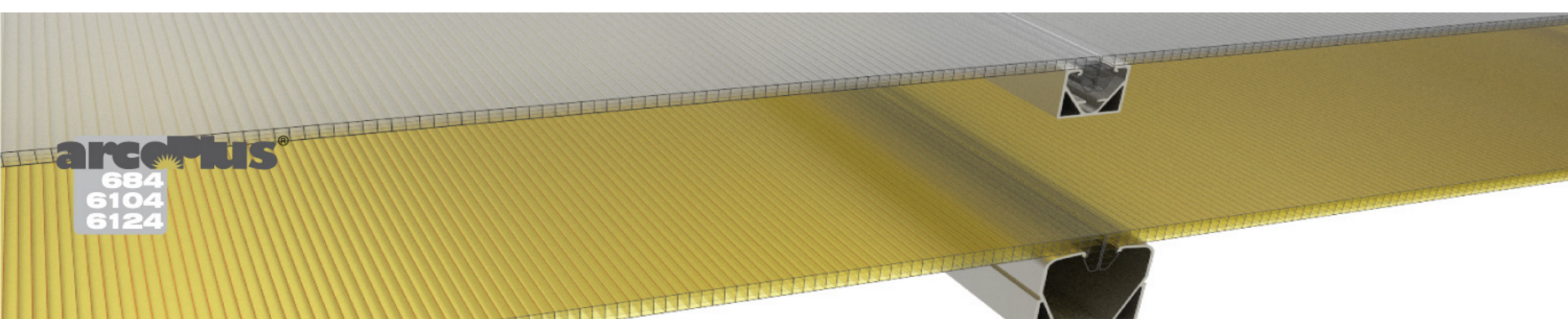


arcoPlus® 684/6104/6124



Modular system of UV protected multiwall polycarbonate for translucent curtain walls and roofing applications

arcoPlus®684-6104-6124 are three modular systems consisting of co-extruded 4 walls polycarbonate panels with thicknesses of 8-10 and 12mm, inserted in aluminium profiles using a click-on system. Used for vertical windows, flat roofing (min. slope 5%) and curved roofing (minimum radius 2.0m with profiles code 4248 and 4249; minimum radius 3.0m with reinforced aluminium profile code 4636).



Features

Advantages

- Easy and low-cost installation
- Light transmission
- Resistance to UV rays and to hail
- Thermal insulation
- Self-supporting installation

Applications

- Roofing
- Curved roofing
- Skylights
- Façade insert

Production standards

Thickness	8 - 10 - 12mm
Structure	4 walls
Effective modular width	600mm
Panel length	No limits
Available colors	See page 11

Features

Thermal insulation	3,3 - 3,0 - 2,7 W/m ² K
Acoustic insulation	18 dB (sp.8-10mm) 19dB (sp.12mm)
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
U.V. rays protection	Coextrusion
Fire reaction EN 13501-1	EuroClass B-s1,d0

Certifications

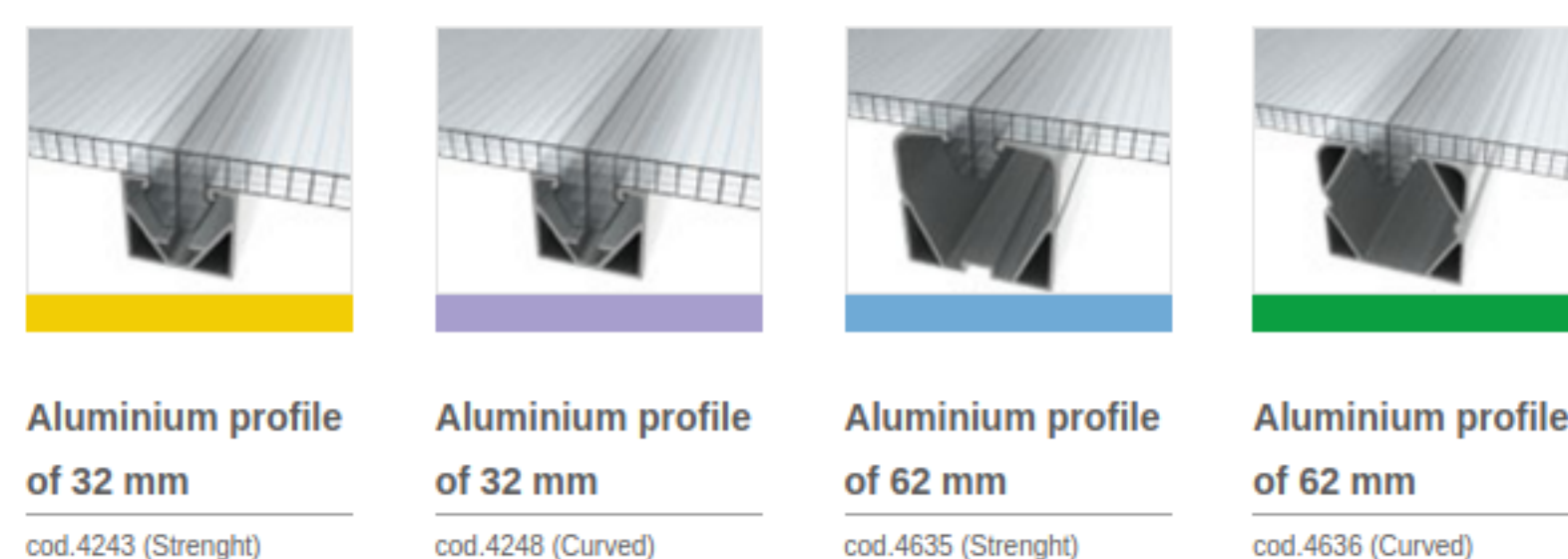


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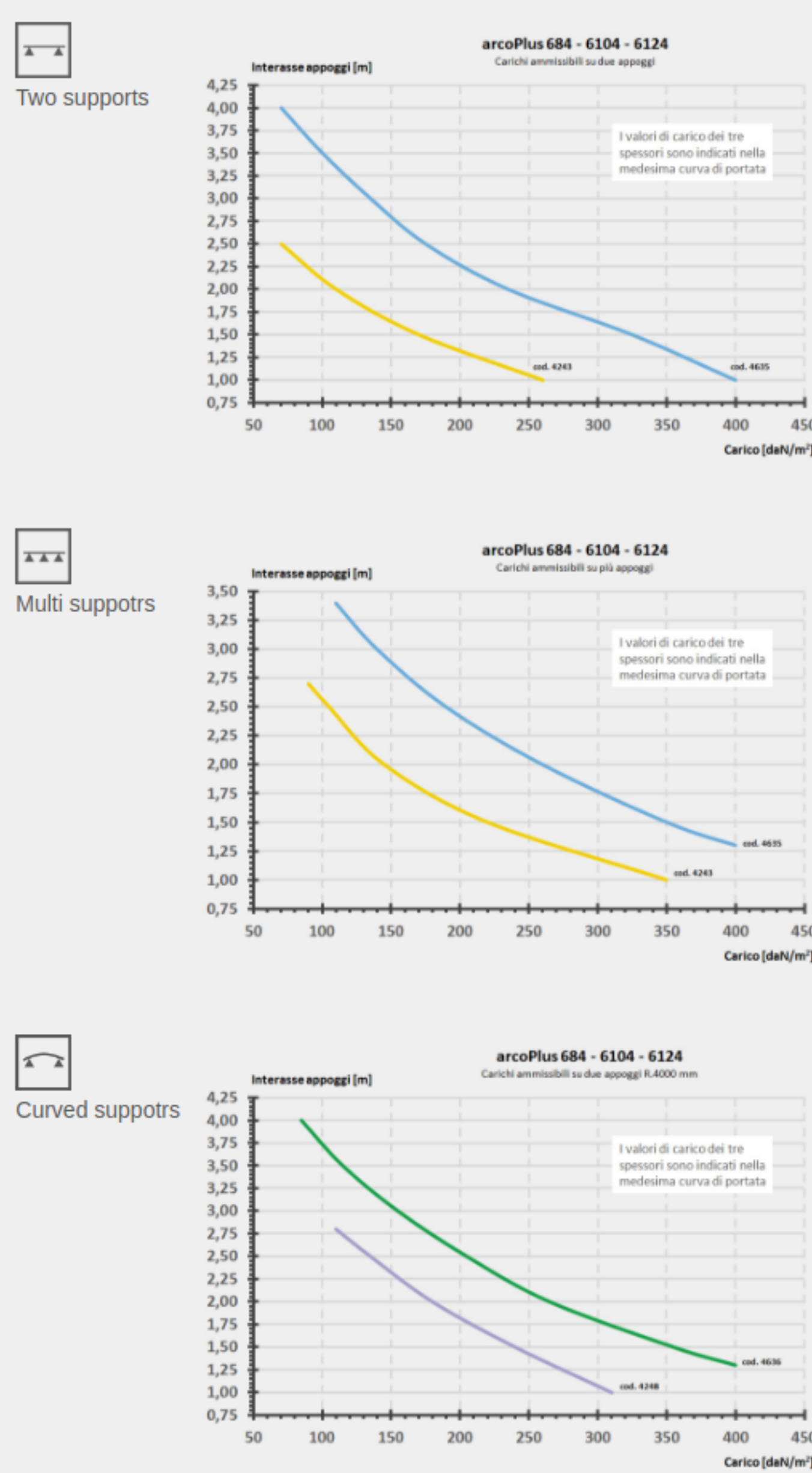
Special treatments



Joint profiles



Load resistance



Easy installation

The 4 walls design with click-on connection to open joint tubes gives the panel remarkable flexural strength and is suitable for creating vertical walls and large areas of self-supporting roofing without the use of section-breaker profiles. The metal reinforcement frames guarantee the load capacity of the entire system, while the polycarbonate staves create a continuous curtain walling effect. Special adjustable supports guarantee a complete seal. Different types of reinforcement frames are available to guarantee the required load and wind resistance properties according to the relative load resistance values and conditions of use. Minimum bend radius R.2.000mm

Assembly details



Accessories

