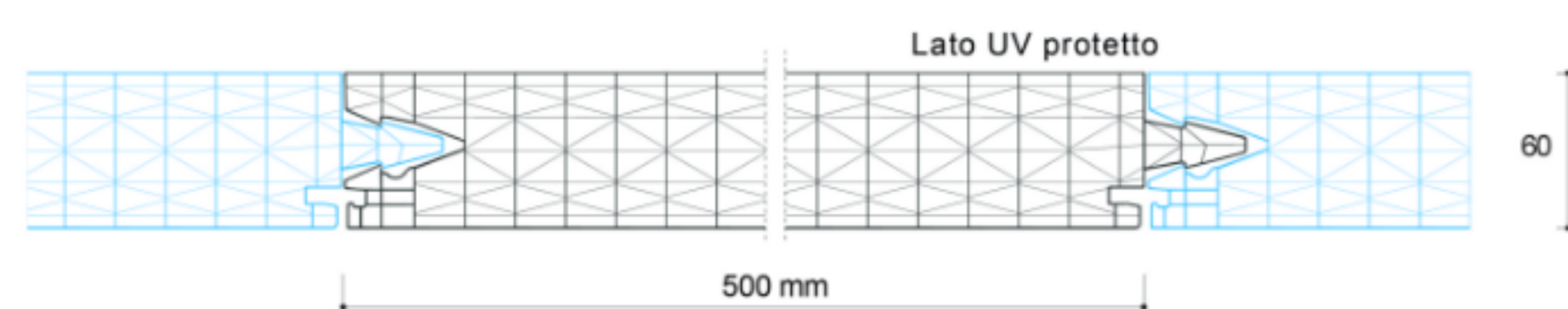
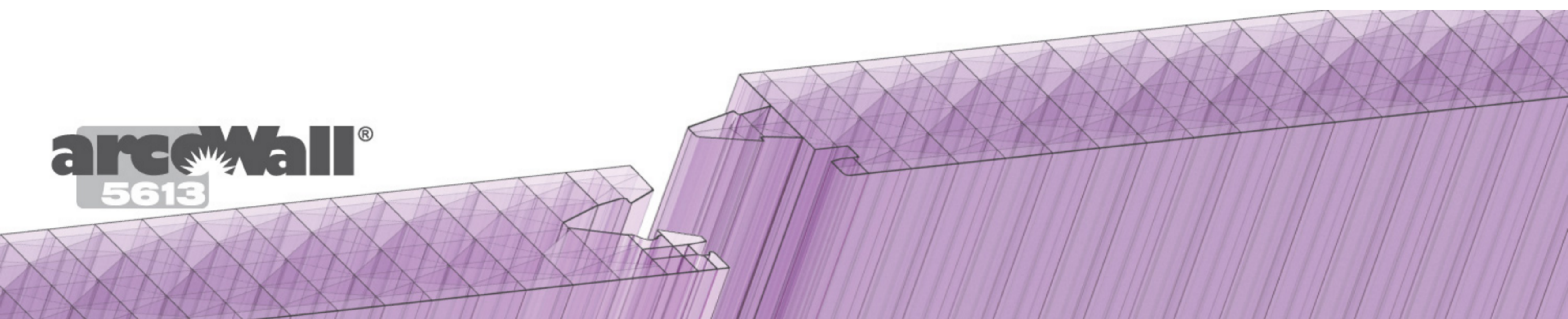


arcoWall® 5613



Modular system of multiwall UV protected polycarbonate for vertical translucent walls

arcoWall®5613 is a modular system of coextruded 13 walls polycarbonate panels with a thickness of 60mm, and exclusive aluminum profiles for variable solutions that can be customized for the needs of any project. The self-bearing translucent walls system, arcoWall®5613, comes from the experience of over 50 years of our company. We are constantly engaged in exploring alternatives in the building market as well as the creation of unique and innovative systems.



Features

Advantages

- ✓ Easy and low-cost installation
- ✓ Thermal bridge interruption
- ✓ Applied with opening systems
- ✓ Light transmission
- ✓ High insulation coefficient
- ✓ High wind resistance
- ✓ Fire reaction EN 13501-1 EuroClass B-s1,d0

Applications

- ▶ High performance huge window
- ▶ Horizontal window with opening systems
- ▶ Traslucent façade insert

Production standards

Thickness	60mm
Structure	13 walls
Effective modular width	500mm
Panel length	No limits
Available colors	See page 11

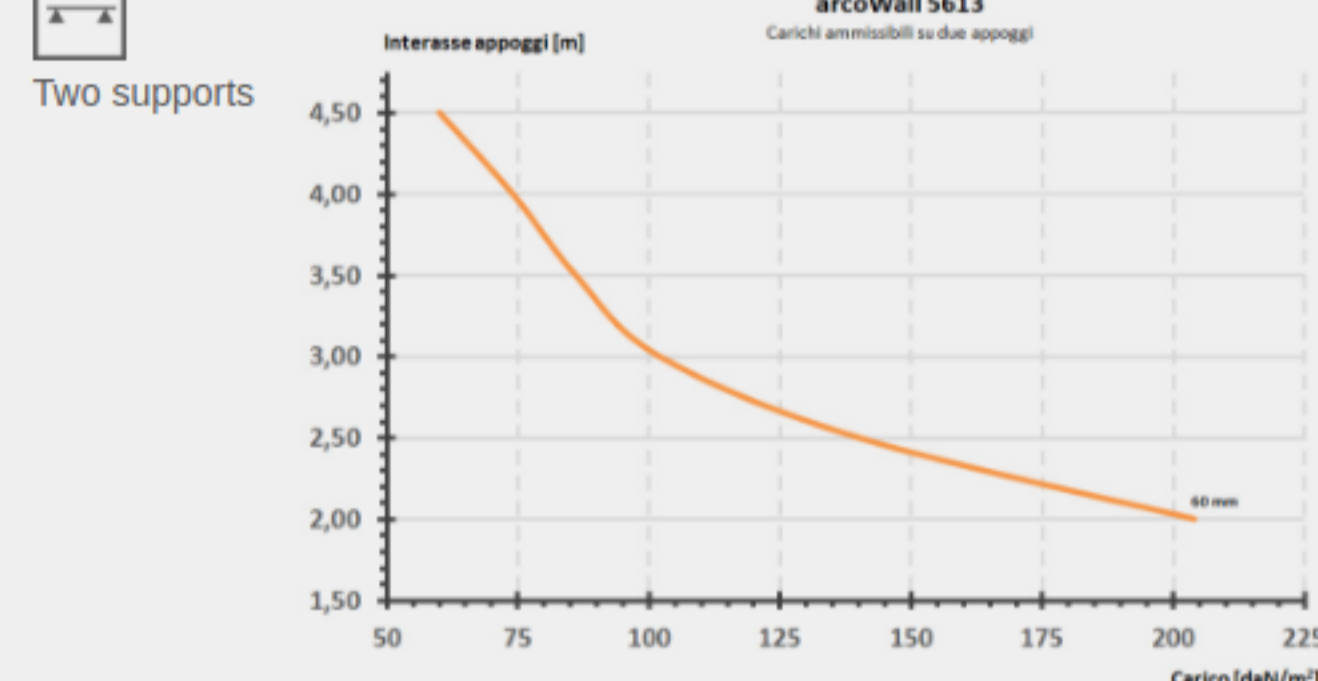
Features

Thermal insulation	0,7 W/m ² K
Acoustic insulation	22 dB
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

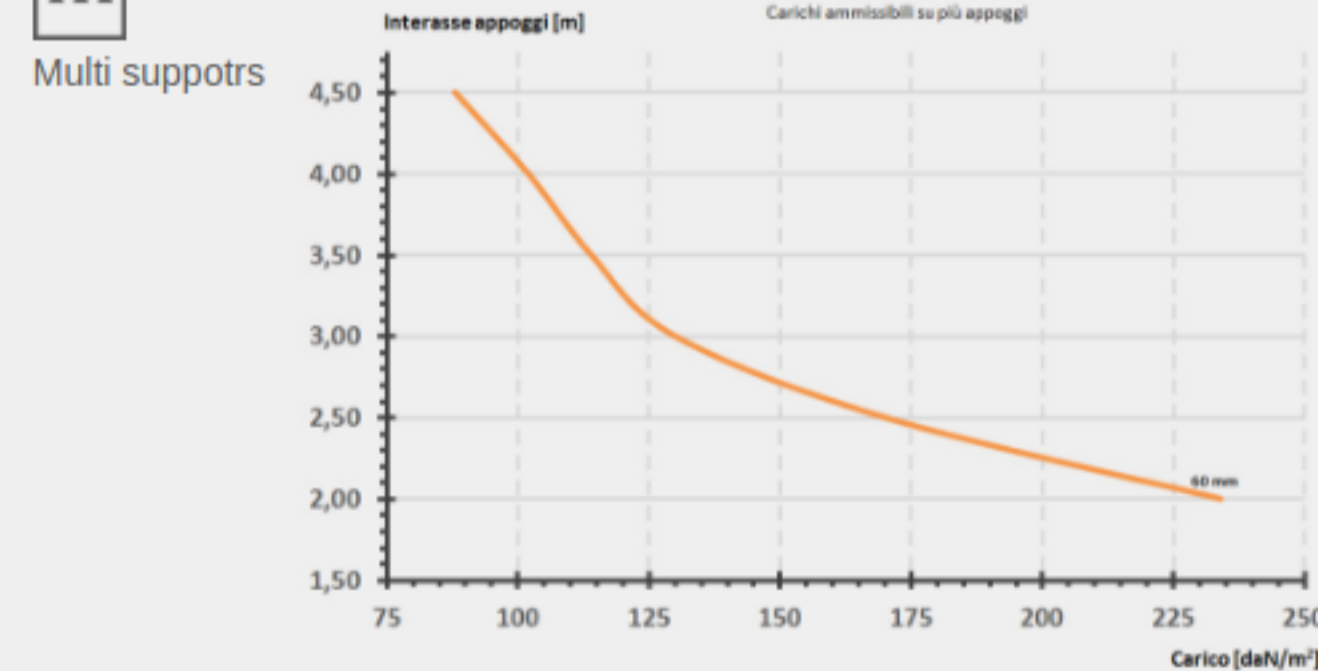
Load resistance



Two supports



Multi supports



Certifications

DiBi Ab Zulassung N°Z-10.1-662 published on 18/05/2016

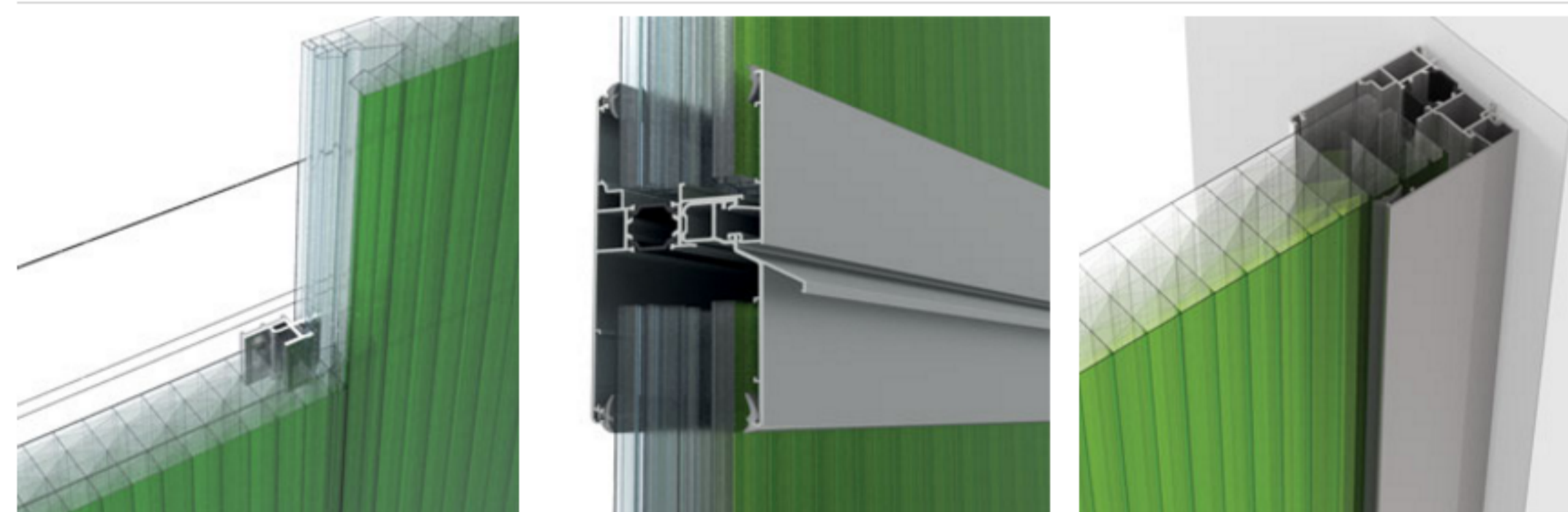
Special treatments



Easy installation

The 60mm-thick, 13 walls design with tongue and groove connection gives the panels remarkable flexural strength. It also allows the panels to be installed without the use of metal reinforcement frames, thus eliminating heat loss due to the thermal bridges caused by these structures. For installations exceeding 3.5m, a suitable section-breaker profile must be installed to which the arcoWall®5613 panels can then be fixed. It is done using the specific brackets to give the system the necessary resistance to negative wind load and permit sliding due to thermal expansion.

Assembly details



Vertical glazing detail with the profile with thermal break

Opening systems

The arcoPlus® panels are accompanied by a wide range of accessories which allow to create fixed vertical curtain walls, moreover these products have been designed to realise windows with integrated opening systems to be inserted in horizontal shed-window or into curtain translucent wall. Please, consult the appropriate site-section to have more specific information.

Accessories



cod. 1169/b
Slip Coat Gasket



cod. 1372
Internal eave PE profile for base profile



cod. 4715/120
Aluminium bracket 120mm length



cod. 4715/60
Aluminium bracket 60mm length



cod. 4716
Bracket for 4802 profile



cod. 4800
Upper and side AL profile with thermal break for cod. per cod. 4809/4831/4819



cod. 4802+4803
Top thermally broken profile for "oversize" lengths with straight drip edge.



cod. 4805+4808
Horizontal connecting aluminium thermally broken profile with edge.



cod. 4809(+4800)
Straight base/side/top edge .



cod. 4819(+4800)
Straight top edge with eave.



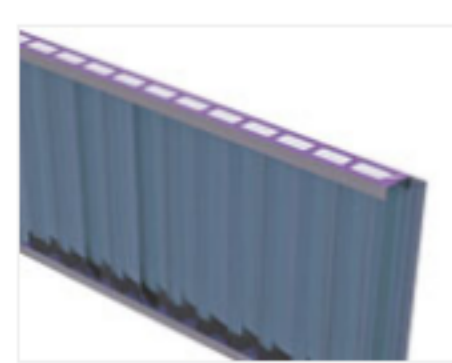
cod. 4820
Base gasket.



cod. 4828
Flat alignment aid.



cod. 4831(+4800)
Lower straight edge with eave .



cod. 4951
Additional tape