

combining various elegant materials



#### Incomparable advantages

- Minimal design, thanks to the clean lines and the non-visible connection points.
- Extreme robustness and resistance against intense wind loads.
- Allows very large dimensions, up to 4.8 x 6.0 m (e.g. Creta).
- Outstanding surface resistance, without corrosion problems even at seaside areas.
- Incredibly easy to design and create multiple structures.

Various materials can be applied and combined, like aluminium louvers, polycarbonate and glass panels, fabric, composite wood (Woodalux®), real wood and reeds, etc.

EN AUG 2022

#### ALUMIL OUTDOORS

Create an extraordinary outdoor living, thanks to the holistic approach of ALUMIL

Through the concept "Outdoor Solutions", i.e. bioclimatic pergolas, railings, fences & gates, decking & cladding systems, ALUMIL offers unique architectural tools & endless decorative proposals, to help you design ideal external environments and upgrade living spaces holistically.

#### ALUMIL HEAD OFFICES & SHOWROOM - THESSALONIKI

GOGOUSI 8, EFKARPIA  
THESSALONIKI - GR 56429  
TEL.: +30 2313 011000  
FAX: +30 2310 692473  
E-MAIL: info@alumil.com

#### ALUMIL OFFICES & SHOWROOM - ATHENS

TATOIOU AVENUE 67, ACHARNES  
ATHENS - GR 13677  
TEL.: +30 210 6298100  
FAX: +30 210 8003801  
EMAIL: athina@alumil.com

#### ALUMIL HEADQUARTERS & FACTORY

KILKIS INDUSTRIAL AREA  
KILKIS - GR 61100  
TEL.: +30 23410 79300  
FAX: +30 23410 71988  
EMAIL: info@alumil.com



www.alumil.com

alumil

SMARTIA  
PG120F Pergola

Create multiple shading constructions,



**SMARTIA PG120F** is a versatile pergola system, with various elements fixed on top (not only aluminium louvers), that provides shading and upgrades the aesthetics of the surrounding area. The system is characterized by a wide range of elegant solutions and includes four (4) basic models:

- CRETA** The epitome of minimalism.
- NAXOS** Traditional design with timeless value.
- CORFU** An exceptional modern proposal.
- KOS** Rain protection with style.

## SMARTIA PG 1 20F Creta

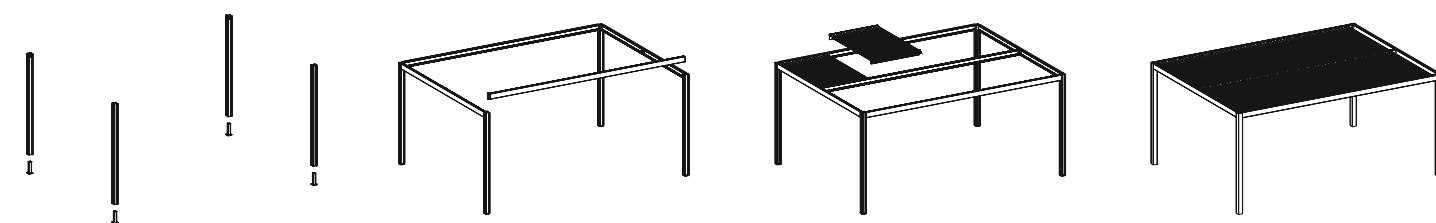
"CRETA" model is the main proposal of the SMARTIA PG 1 20F series, ideal for pergolas of unparalleled aesthetics with plenty of technical features and competitive advantages. Outstanding robustness in order to withstand high wind loads and reduce annoying vibrations, even when fabric, panels or other shading elements are used for extra shading and rain protection.

- Special design with hook-type connectors for very fast and easy installation of the framework (posts, transoms) as well as the louvers, which are mounted like framed panels.
- Possibility of various complex constructions (corner, multiple).
- Selection between various aluminium louvers, i.e. 20x115mm, 35x130mm.
- Possibility of additional elements, such as shading fabric, wood composite louvers, vertical shutters, for an unparalleled aesthetic result, etc.
- Maximum pergola dimension 4.8 x 6.0 m

Fabrication and assembly processing takes place at the fabricator's facilities. Afterwards the installation is implemented easily on-site.



Simple profiles assembly for an easy and fast installation



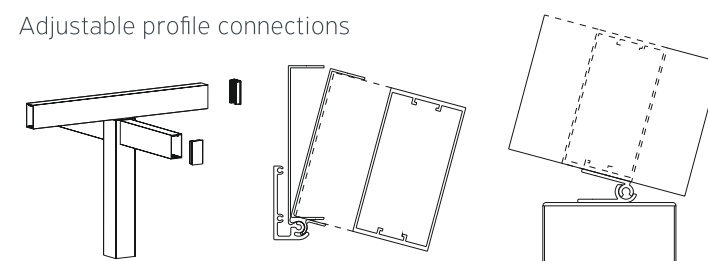
## SMARTIA PG 1 20F Naxos

"NAXOS" model offers high-quality and durable solutions for aluminium pergolas with traditional design and timeless wood aesthetics. It is ideal for shading constructions on islands, traditional and various other settlements, covering all shading needs in hotels and residences.

- Traditional aesthetics that refers to wooden constructions, with the fixing points remaining not visible.
- Integrated with additional elements, such as shading fabric, polycarbonate & glass panels, etc.
- Top corrosion protection for coastal areas as well, with the profiles being pre-anodized and the accessories being made of extruded aluminum (not cast), so that their coating does not peel off.
- Constructions with slope at various angles, thanks to special adjustable connectors, which can withstand high loads.
- Maximum pergola dimension 5.0 x 5.0 m.



Adjustable profile connections



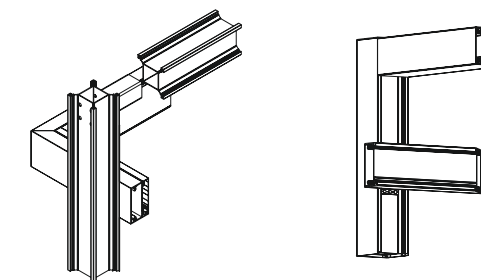
## SMARTIA PG 1 20F Corfu

The model "CORFU" stands out for its highly modern look which does not refer to wooden constructions. An alternative proposal for fixed shading pergolas and an extraordinary, dominant design, which enhances the aesthetics of the surrounding area.

- As with all PG 1 20F pergolas, use of 120 mm post and without visible fixation points.
- Special hook-type connectors, same as "CRETA", for connecting transoms with mullions.
- Selection from aluminium louvers, shading fabric combined with aluminum and wood-composite louvers (Woodalux®), etc.
- Maximum pergola dimension 4.8 x 6.0 m.



Mullion and transoms connection



## SMARTIA PG 1 20F Kos

"KOS" model offers fixed pergola solutions for shading and at the same time for effective rain protection, with aluminium louvers and without the application of additional elements, meaning glass panes or polycarbonate sheets. Its special design creates a sealed roof, which highlights the aesthetics of aluminium, allows adequate ventilation and lighting and, like bioclimatic pergolas, it drives rainwater down to the floor via its posts.

- Efficient shading and rain protection.
- Integrated drainage, LED lighting and ventilation.
- Top strength and large dimensions (6.0 x 2.6 m).
- Modular design for easy installation.
- Combination with fixed CRETA and rotating MYKONOS.

