tensile fabric architecture



Καμχής
συστήματα σκίασης

Tensile Fabric Architecture

Kamchis Architectural Shading Systems specializes in the design and implementation of tensile membrane structures and textile façade architecture, offering advanced solutions for lightweight architectural structures.

Combining innovative engineering with high-performance materials like PVDF, ETFE and PTFE, we deliver custom shading and architectural solutions that are both functional and visually striking.

As a proud member of the Architectural Membrane Association (AMA), we uphold the highest industry standards and continue to push the boundaries of textile-based architectural design, trusted by architects, developers, and engineers alike.

Our extensive experience allows us to deliver turn-key projects which include:

- ✔ Consulting
- ✔ Proposals and 3d Designs
- ✔ Structural Engineering
- ✔ Detailed Design and Fabrication of The Membranes
- ✔ Detailed Design and Fabrication of The Metallic Structures
- ✔ Project Management
- ✔ Top-Quality Installation

David Kamchis, Director
Msc Archineer / Tensile Membrane Structures
Beng Mechanical Engineer

member of the architectural membrane association

Meet our Projects

The Ellinikon

PROJECT INFO

Project: Façade architecture, consisting of vertical tensile membranes
Area covered: 2000m^2
Location: The Ellinikon', Athens
Membrane Type: Serge Ferrari Frontside View 381



CONCEPT & DETAILS









University of Ioannina

PROJECT INFO

Project: A 6-pole membrane structure with alternating pole heights
Area covered: 250m²
Location: University of Ioannina, Epirus
Membrane Type: : Mehler Valmex TF400

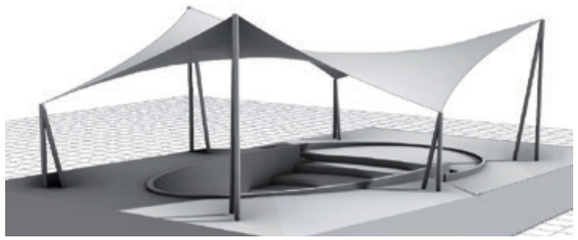






CONCEPT & DETAILS





Generali

PROJECT INFO

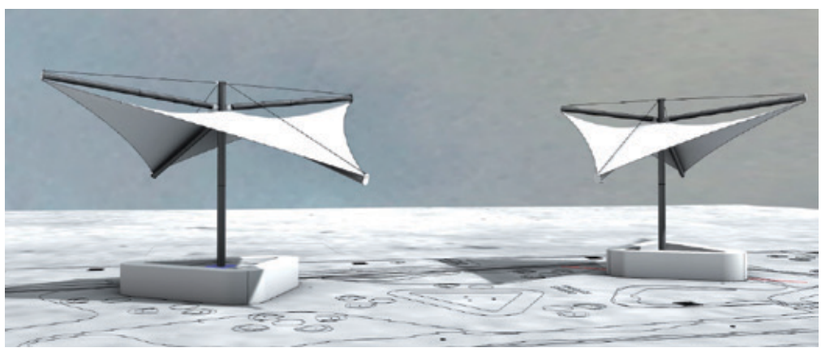
Project: One-pole hypar membrane structures
Area covered: 90m²
Location: Generali headquarters, Athens
Membrane Type: Mehler Valmex FR900 Type II

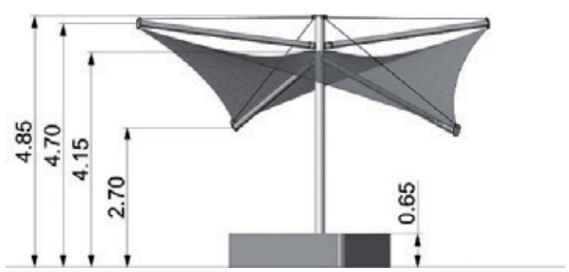


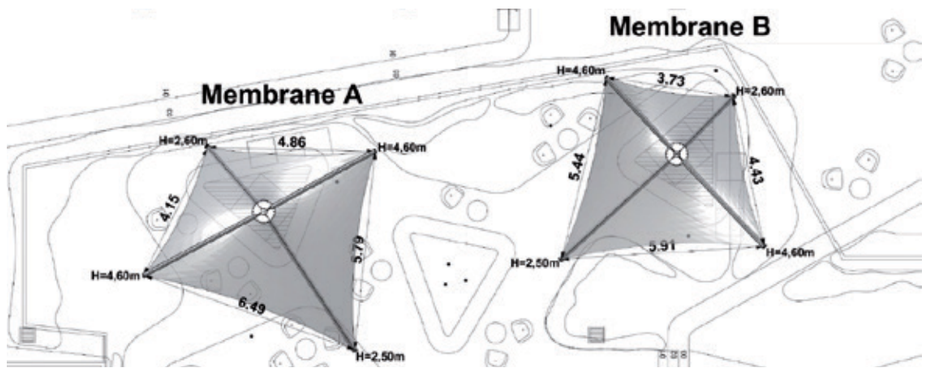




CONCEPT & DETAILS







Ikos Odisia

PROJECT INFO

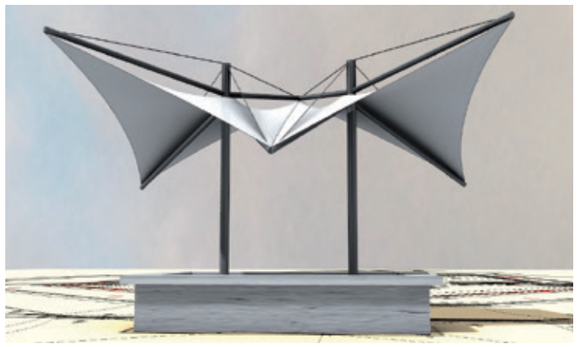
Project: Hypar membrane structures with one and two poles respectively
Area covered: 85m²
Location: Ikos Odisia, Dassia, Corfu
Membrane Type: Mehler Valmex FR900 Type II

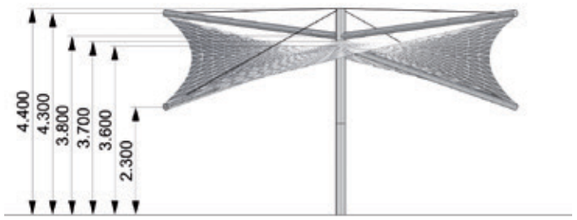






CONCEPT & DETAILS





Ten-Brinke Top Parks

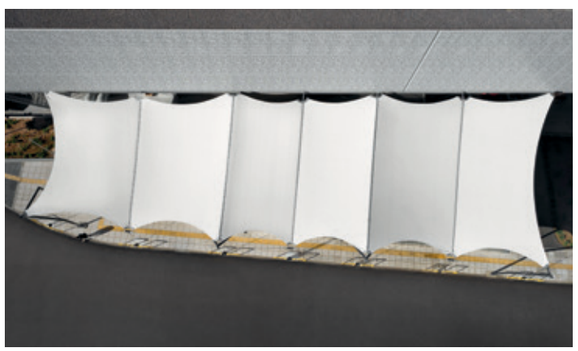
PROJECT INFO

Project: Protection of archeological area
Area covered: 490m²
Location: Ten Brinke Retail Park, Piraeus
Membrane Type: Mehler Valmex FR1000 Type III

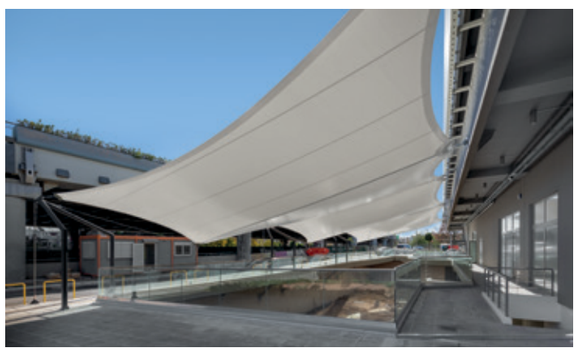


CONCEPT & DETAILS









The Hills Course, Costa Navarino

PROJECT INFO

Project: Steel structure with tensile roof which would be used as a parking and charging point for golf cars
Area covered: 780m^2
Location: Costa Navarino, 'The Hills' Golf Club, Pilos, Messinia
Membrane Type: Mehler Valmex FR1000 Type III

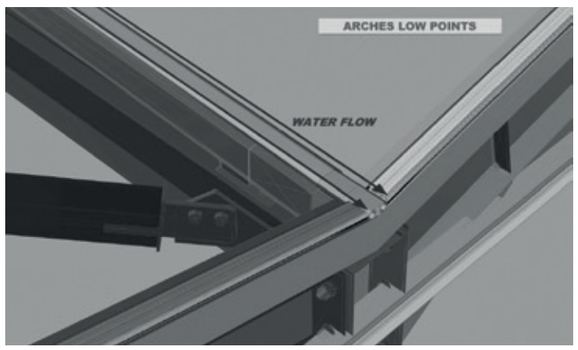


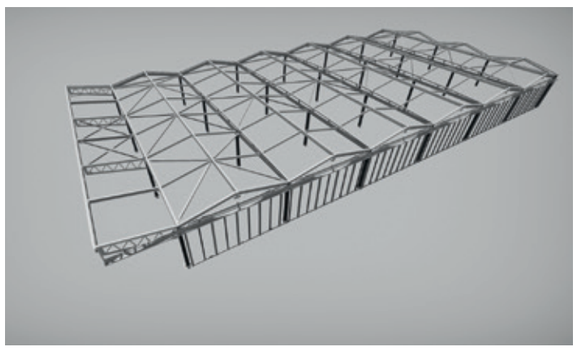
CONCEPT & DETAILS











Padel Courts, Athens

PROJECT INFO

Project: Side closings of four padel courts, for protection against sun and rain.
Area covered: 1000m^2
Location: 'Vibora' Padel courts, Athens
Membrane Type: Soltis 92 mesh membrane, by Serge Ferrari

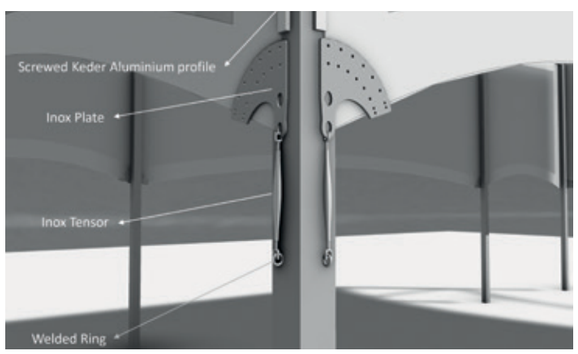


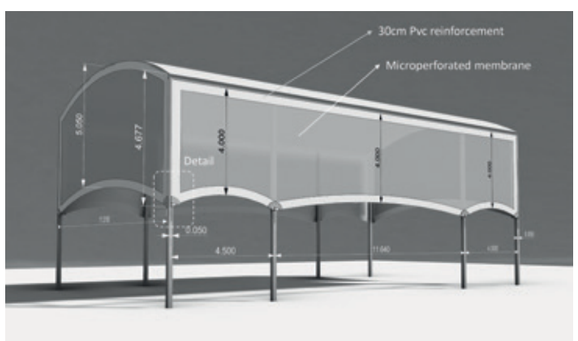


CONCEPT & DETAILS









Grecotel, Daphnila Bay

PROJECT INFO

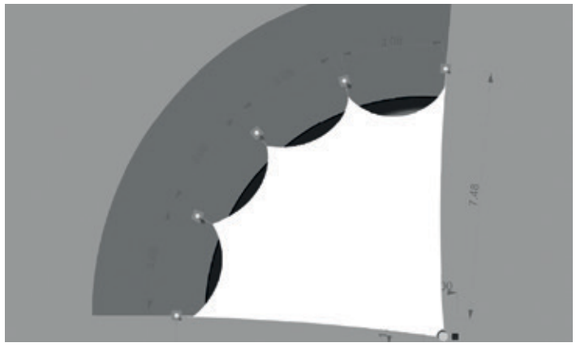
Project: Steel poles with tensile roof for sun-protection of the pool-bar.
Area covered: 75m^2
Location: Grecotel Lux Me, Daphnila Bay, Dassia, Corfu
Membrane Type: Mehler Valmex FR900 Type II

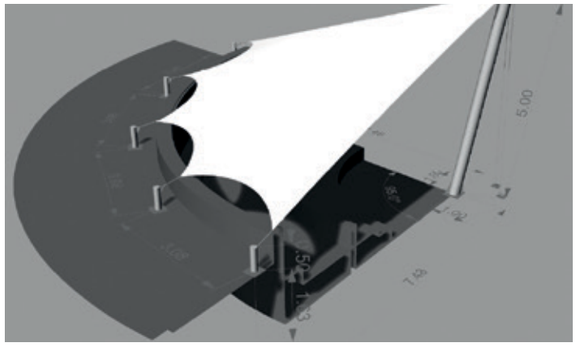






CONCEPT & DETAILS





Main Shiff Herz, TUI

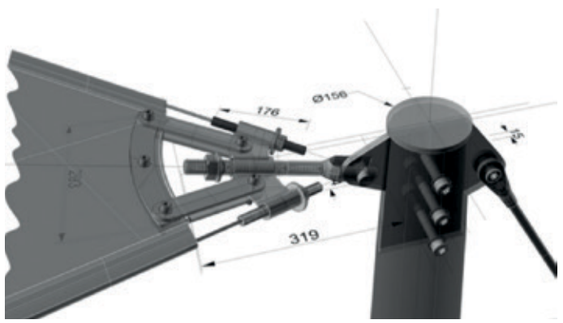
PROJECT INFO

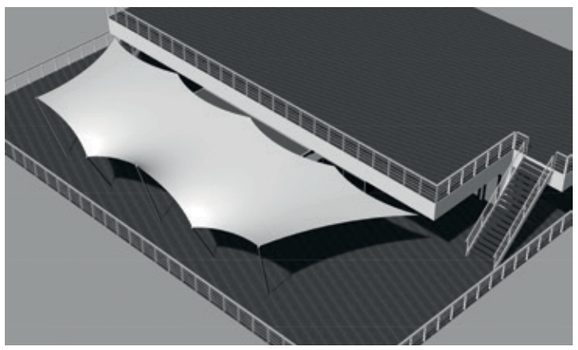
Project: tensile membrane in one single piece, to offer sun-protection on the upper deck.
Area covered: 350m²
Location: Cruise ship 'Mein Schiff Herz', operated by TUI
Membrane Type: Mehler Valmex FR1000 Type III



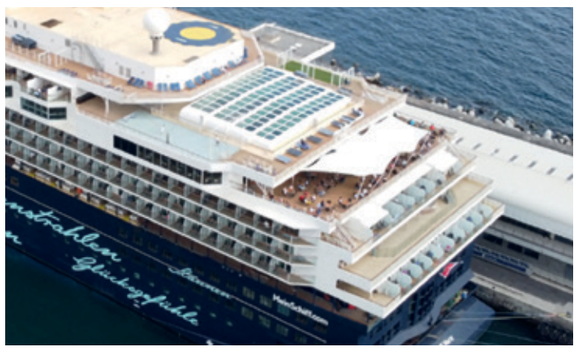


CONCEPT & DETAILS





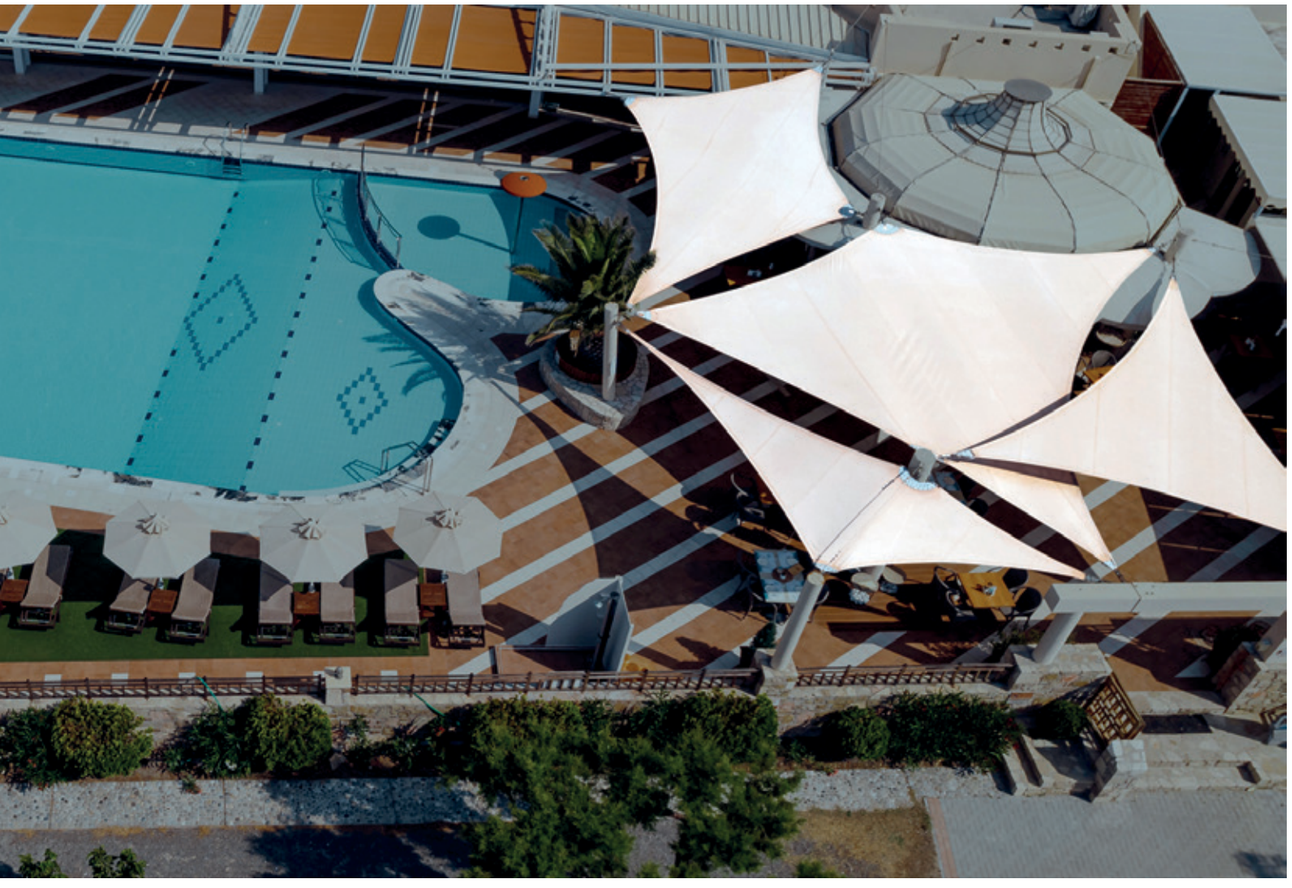




Koralli Restaurant & Pool Bar

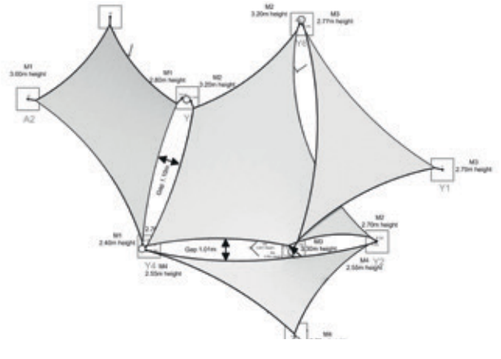
PROJECT INFO

Project: Tensile membranes, following the architectural concept, to offer sun-protection on the pool-bar.
Area covered: 320m²
Location: Koralli Restaurant & Pool Bar, Ierapetra, Crete
Membrane Type: Soltis 92 Mesh Membrane, by Serge Ferrari





CONCEPT & DETAILS





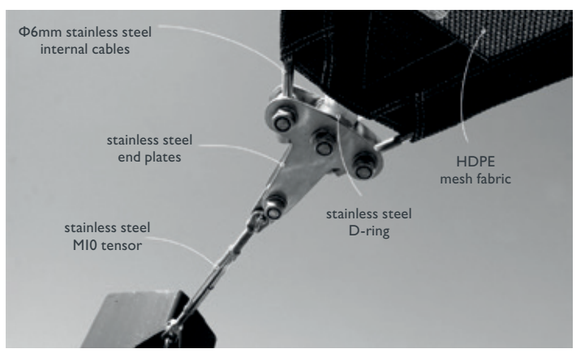
Private House, Amorgos

PROJECT INFO

Project: Tensile membranes, to offer sun-protection at the verandas of the house by respecting the island aesthetic.
Area covered: 260m^2
Location: Amorgos Island, Cyclades
Membrane Type: HDPE mesh, Commercial 95



CONCEPT & DETAILS





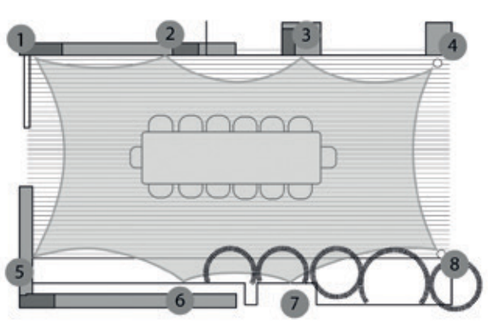
Private House, Tinos

PROJECT INFO

Project: 8-corner tensile membrane for the sun-protection of a wooden-deck veranda
Area covered: 35m^2
Location: Kardiani, Tinos Island, Cyclades
Membrane Type: HDPE mesh, Commercial 95



CONCEPT & DETAILS





Reference Projects



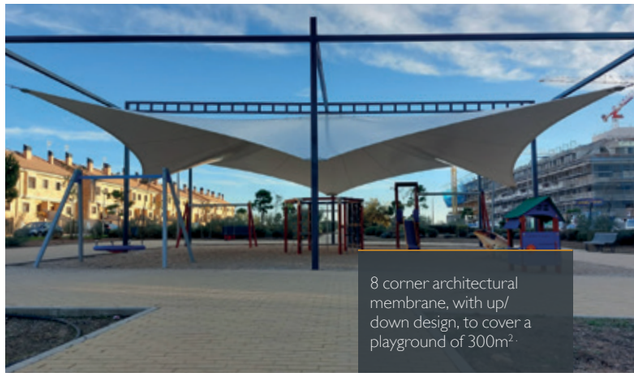
6-corner architectural membrane for covering an area of 324m².



540m² tunnel structure, with combination of metallic arches and tensile membrane, for playground covering.



5 hypar membranes, made of 'mesh' fabric Valmex TF, which combines sun-protection and perfect view towards the sky



8 corner architectural membrane, with up/down design, to cover a playground of 300m².



437m² tensile structure, one side mounting, to protect the spectators-area against the sun



Metallic structure with tensile membrane roof, for covering a complex of padel courts of 1175m².

design by hellodesign.gr

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CONTACT US

David Kamchis & Co.
22 Lefkados Str., Moschato, 18346, Athens

+30 210 345 5761 | +30 210 347 1531

info@kamxis.gr

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