ITE SINGAPORE
Singapore
Scope of work: Membrane and Steel Engineering
Surface Area: 6,000 m²
Material: ETFE and Steel
Membrane Construction: Taiyo Europe GmbH

Images of the finished building, detail of the ETFE cushions and samples of structural analysis
Images of the finished building and samples of structural analysis
AKTER GALAXY APARTMENT HOTEL
Sochi - Russia

Scope of work: Engineering of the ETFE Roof
Surface Area: 3000 m²
Material: ETFE, Steel
Client: Taiyo Europe GmbH
Render View; Samples of Shop Drawings, Details and Structural Analysis
TORIUM SHOPPING CENTER
İstanbul - Turkey

Scope of work: ETFE Cushion Engineering
Surface Area: 2,400 m²
Material: ETFE
Membrane Construction: Taiyo Europe GmbH

Images of the finished building, detail of the ETFE cushions and samples of structural analysis
Images of the finished building, detail of the ETFE cushions and samples of structural analysis and general drawings.
YAPI KREDI BANK
Singapore

Scope of work: ETFE Cushion Engineering
Surface Area: 800 m²
Material: ETFE
Membrane Construction: Taiyo Europe GmbH
Architectural Design: TEGET Architectural Office
Image of the finished building, samples of CFD Analysis and drawings
PATI S.p.A. NEW FAÇADE
Bassano del Grappa - Italy

Scope of work: ETFE Cushion Design and Engineering
Surface Area: 600 m²
Material: ETFE, Steel and Cables
Membrane Construction: Pati S.p.A.
Architectural Design: Maffeis Engineering S.p.A.
Structural Development: Maffeis Engineering S.p.A.
HEATHROW AIRPORT
London – United Kingdom

Scope of work: Final design and shop drawings for fabric ceiling and Supporting structure
Surface Area: 80,000 m²
Material: Atex 3000 TRL and ETFE
Client: Taiyo Europe
Architectural Design: Foster + Partners

General view, drawings, photos of the construction site
Render view, Photo of the construction site and Shop Drawing
KATARA DOME CITY
Doha - Qatar

Scope of work: Structural Feasibility Analysis
Diameter: 1,000 m
Material: ETFE Cushions, Steel
Client: Dar Al-Handasah Consultants
Architectural Design: Dar Al-Handasah Consultants
SWIMMING POOL WATER PARK
Ruda Slaska - Poland

Scope of work: Engineering of the ETFE Roof
Surface: 1,200 m²
Material: ETFE Cushions, Steel
Client: Taiyo Europe
BOTANICAL GARDEN
Padua - Italy
Scope of work: Engineering of the ETFE Roof
Surface: 2,300 m²
Material: ETFE Cushions, Steel
Client: Taiyo Europe
KATARA DOME CITY
Doha - Qatar

Scope of work: Structural Feasibility Analysis
Diameter: 1,000 m
Material: ETFE Cushions, Steel

Client: Dar Al-Handasah Consultants
Architectural Design: Dar Al-Handasah Consultants

Kuwait Bank
Istanbul - Turkey

Scope of work: Engineering of the ETFE Roof
Surface: 2,700 m²
Material: ETFE Cushions, Steel
Client: Taiyo Europe
KATARA DOME CITY
Doha - Qatar

Scope of work: Structural Feasibility Analysis

Diameter: 1,000 m
Material: ETFE Cushions, Steel

Client: Dar Al-Handasah Consultants

Architectural Design: Dar Al-Handasah Consultants
KATARA DOME CITY
Doha - Qatar
Scope of work: Structural Feasibility Analysis
Diameter: 1,000 m
Material: ETFE Cushions, Steel
Client: Dar Al-Handasah Consultants
Architectural Design: Dar Al-Handasah Consultants

RAIL STATION FAÇADE
Chemnitz - Germany
Scope of work: Engineering of the ETFE Facade & Roof
Diameter: 3,900 m²
Material: ETFE Cushions, Steel
Client: Temme Obermeier
Scope of work: Engineering of the ETFE Roof
Surface Area: 4,000 m²
Material: ETFE Cushions, Steel
Client: Taiyo Europe GmbH
SYMBOL SHOPPING MALL

Scope of work: Engineering of the ETFE Roof
Surface Area: 5,000 m²
Material: ETFE Cushions, Steel
Client: Okyanus
AL KHOR STADIUM
Doha - Qatar

Scope of work: Design of roof, facade steel, cables and membrane.
Surface Area: 225,000 m²
Material: PTFE / Fiberglass Membrane, Cables, Steel
Client: Dar Al-Handasah Consultants
Architectural Design: Dar Al-Handasah Consultants

ETFE retractable roof 21000 m²
Samples of Structural Design, CFD analysis and Detail of the internal Fabric