

Introduction and Project Review

Tensioned Membrane Structures





**New Zealand
Auckland**

Structurflex is a specialist contractor providing design, engineering, manufacturing and construction of tensioned membrane structures. The Group of companies operates offices and factories in Auckland New Zealand, Dubai UAE and Kuala Lumpur Malaysia as well as Kansas City, Missouri USA. Structurflex Group holds a number of other successful companies under its umbrella. The companies range in industry and size, thereby creating an exciting, diverse and economically stable group.

Structurflex has already completed dozens of projects on five continents, Structurflex brings world class experience to any project.

**Central & South America
Kansas City**

**Middle East & Africa
Dubai, UAE**

**South Asia/South East Asia
Kuala Lumpur**

**Brazil
Sao Paulo**



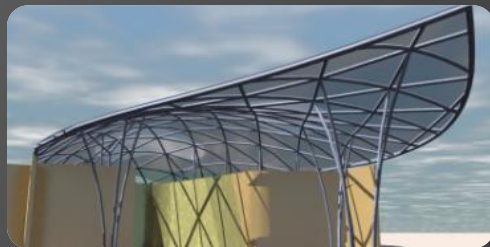
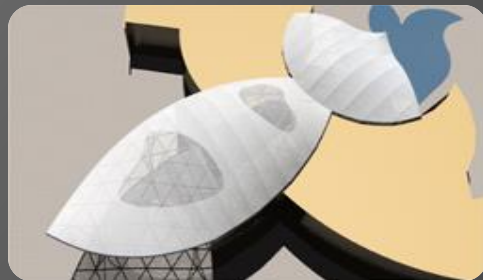
Concept



Preliminary
Design



Commercial



Detailed Design



Fabrication

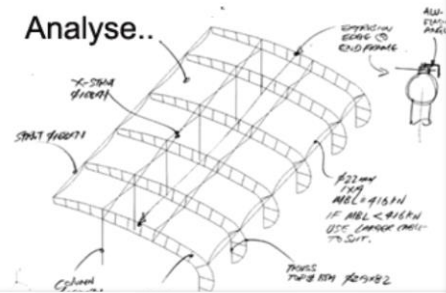


Installation

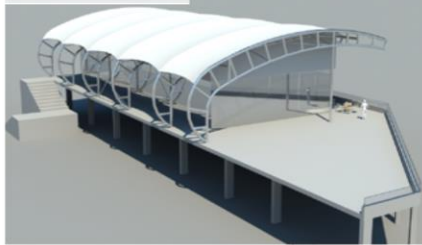
We Inspect..



Analyse..



Visualize..



Deliver Quality...



Plan and Excute



Tension Membrane Structures

The use of permanent membrane structures is rapidly expanding as architects & developers realize their potential both in an aesthetic and functional sense. They create great spaces for people to enjoy, have a very high visual appeal and make use of the benefits that nature offers.



They are cost-effective, convenient and safe options. Off-site pre-manufacturing means that installations is very quick, while transporting the materials to even the remotest of locations is easy due to the low bulk of individual components. All tension membrane fabrics comply with fire safety codes even in high-compliance environments such as airports and petrol stations.

Fabrics / Membranes

PTFE Coated Glass-fiber



PVC/PVDF Coated Membrane



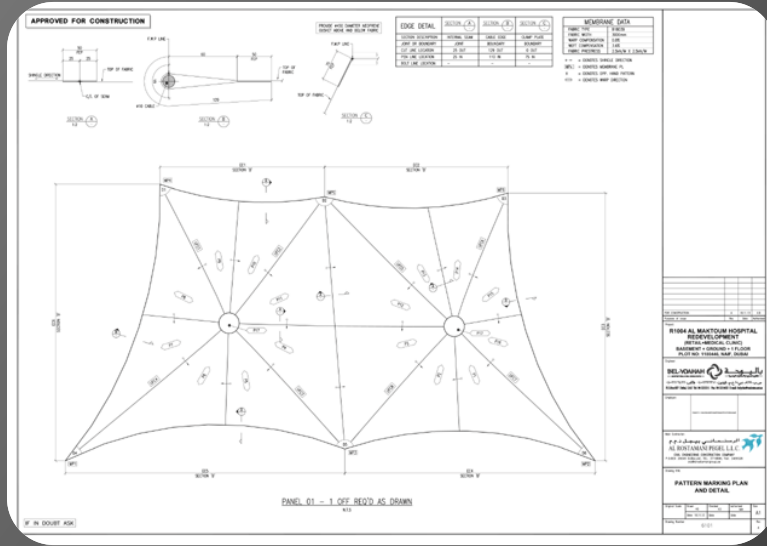
ETFE Film



Fixing Accessories



Fabric Patterns



Projects Overview



Tension Membrane Structures



**KINDERGARTEN PROJECTS (9 KINDERGARTEN WITH MOPW)
SEVERAL LOCATION, UAE**

MEMBRANE	PVC / PVDF COATED POLYESTER
PLAN AREA	2000 SQ/M (EACH STRUCTURES)
FUNCTION	COURTYARD & PLAY AREA COVER







Projects Ministry of Public Works

Type 1 (1 School) - 2006



Type 2 (8 Schools) 2007-2010



Projects Ministry of Public Works



SECONDARY SCHOOLS PROJECTS

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

2000 SQ/M (EACH STRUCTURES)

FUNCTION

COURTYARD & PLAY AREA COVER





Projects Ministry of Public Works



Middle East Projects Overview

Entertainment Facilities

Outdoor Canopies

Transportation Structures



Sports Facilities

Civic Structures

Middle East Projects Overview



AL AIN KINDERGARTEN PROJECTS
AL AIN LOCATION, UAE

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

2500 SQ/M (EACH STRUCTURES)

FUNCTION

COURTYARD & PLAY AREA COVER



Middle East Projects Overview



AL AIN KINDERGARTEN PROJECTS
AL AIN LOCATION, UAE

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

2500 SQ/M (EACH STRUCTURES)

FUNCTION

COURTYARD & PLAY AREA COVER



Middle East Projects Overview



**DESERT MAJLIS
ABU DHABI , UAE**

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

400SQ/M (EACH STRUCTURES)

FUNCTION

COURTYARD COVER



Middle East Projects Overview



**BUILDING MATERIAL CITY MALL
ABU DHABI, UAE**

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

8000 SQ/M

FUNCTION

SEVERAL SKYLIGHTS MODULES



Middle East Projects Overview



WAHAT HILI MALL
AL AIN, UAE

MEMBRANE

PTFE COATED FIBERGLASS

PLAN AREA

1200 SQ/M

FUNCTION

MALL COVERING ROOF



Middle East Projects Overview



ABU DHABI LADIES CLUB
ABU DHABI , UAE

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

3000 SQ/M

FUNCTION

FEATURE & ROOF COVERING ROOF



Middle East Projects Overview



MUBARAKIA SOUK _KUWAIT

MEMBRANE

PTFE COATED FIBERGLASS

PLAN AREA

2000 SQUARE METER

FUNCTION

MULTI FUNCTION OUTDOOR CANOPY



Middle East Projects Overview



**AL GHARAF A BEACH BALL COURT
DOHA, QATAR**

MEMBRANE

PVC / PVDF COATED POLYESTER

PLAN AREA

700SQ/M

FUNCTION

GRANDSTAND AREA COVER



Middle East Projects Overview



**EL SEREF COMPANY, RESTAURANTS & CAFÉ/SUDAN
KHARTOUM - SUDAN
MEMBRANE**

PVC / PVDF COATED POLYESTER

PLAN AREA

500 SQ/M

FUNCTION

ROOF COVERING



Middle East Projects Overview



**POLO HOTEL - DUBAI
MEMBRANE**

PVC / PVDF COATED POLYESTER

PLAN AREA

900 SQ/M

FUNCTION

OUTDOOR WALKWAY COVERING



Middle East Projects Overview



VMF MARKETS
AL AIN, UAE

MEMBRANE

PVC / PVDF COATED POLYESTER

FUNCTION

WALKWAYS COVER



