

Tensioned Fabric Structure TEXTILE FAÇADE SYSTEM



TEXTURA

Span Long Distances • Flexible Design Aesthetics • Reduced Solar Heat Gain
Longstanding Durability & Sustainability • Lightweight In Nature
Minimal Maintenance • Cost Efficient • Non-combustible Fabric Options

***"Creativity And Performance Producing An
Innovative Façade Solution."***



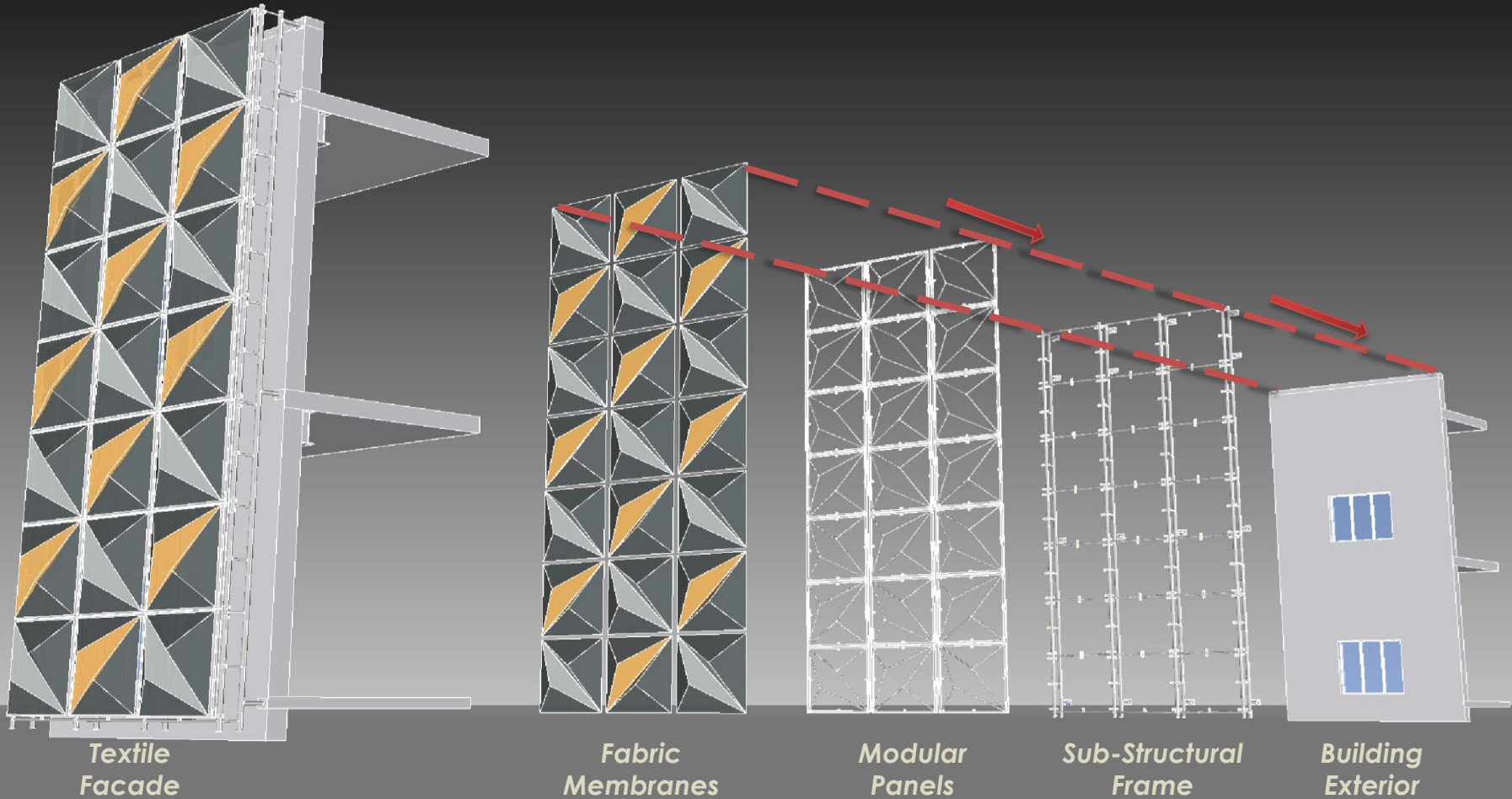
What is

TEXTRA

TEXTRA is a dry assembled prefabricated building system for creating textile facades. Usually, textile facades consist of a textile covering and a metal structural substructure fixed to the main (existing) structure of the building.

Advantages

01*Creative Designs***02***Affordable***03***Sun Protection
(Light Control)***04***Natural Insulation
(Shading)***05***Energy Saving***06***Durable, Self-
cleaning materials*



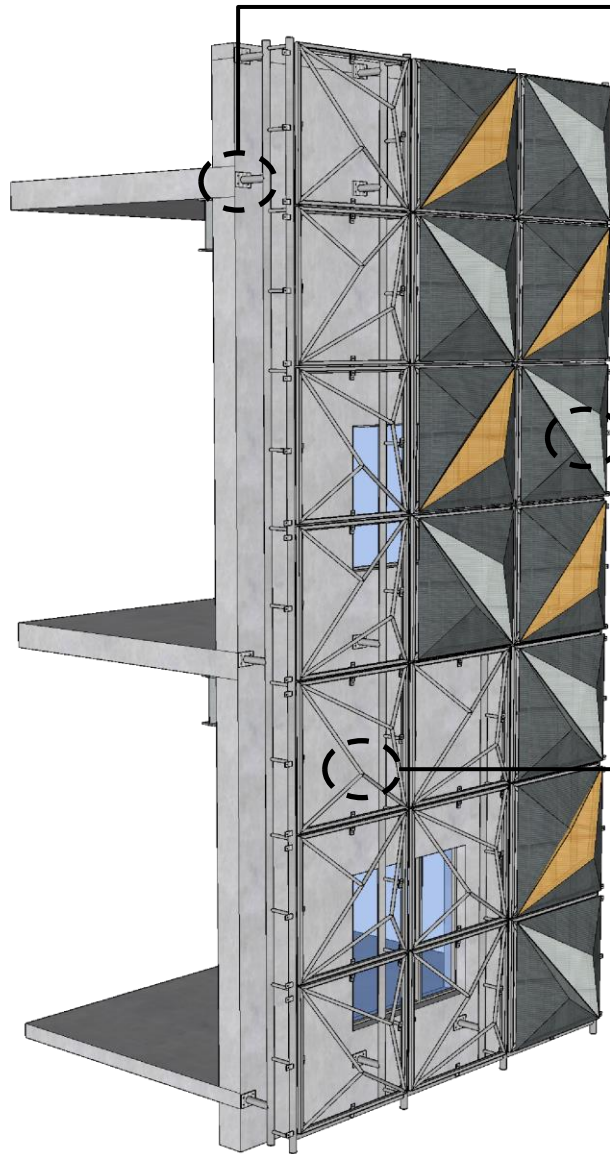
➤ **Modular Panel Façade System**

This type of façade is ideal as it creates a cost-effective impact by offering a simpler installation process and supports an easier access for maintenance while retaining a significant design flexibility.

Process:

- I. Pre-assembled and pre-tensioned panels done in the factory.
- II. Manufactured membranes tensioned to the extrusions of the panels.
- III. A sub-structural frame system installed to the exterior of the structure.
- IV. Panels are hung and secured on the frame system accordingly.

***Modular panels are subject to change in accordance to the chosen design.**



➤ Wall Plates/Brackets

- The exterior of the building is affixed with steel wall plates (on the main structure) to allow the installation of the sub-structural frame of the system.



➤ FrontSide View 381 Mesh

- **Has Flame Retardancy**
- **Thermal protection**
Blocks up to 81% of the sun's heat.
- **Durable resistance**
Resistant to the effects of weather (wind, hail, UV).
- **Visual comfort**
Preserves natural light transmission while reducing glare.



➤ FACID 65 (Extrusion Profile)

- Three-dimensional façade geometry.
- Horizontal, vertical and free fabric installation.
- Rectangular, polygonal, parallelogram and trapezoidal façade fields.
- Curved shapes.

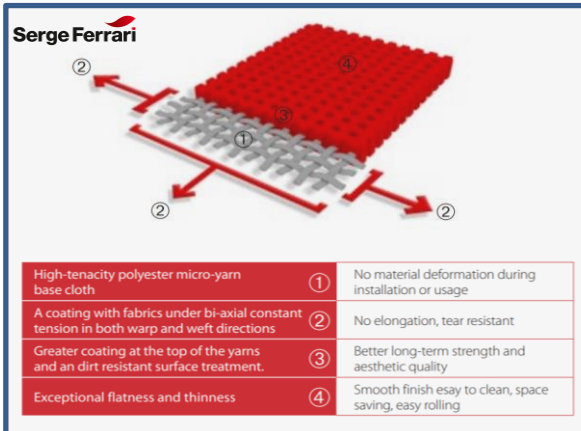
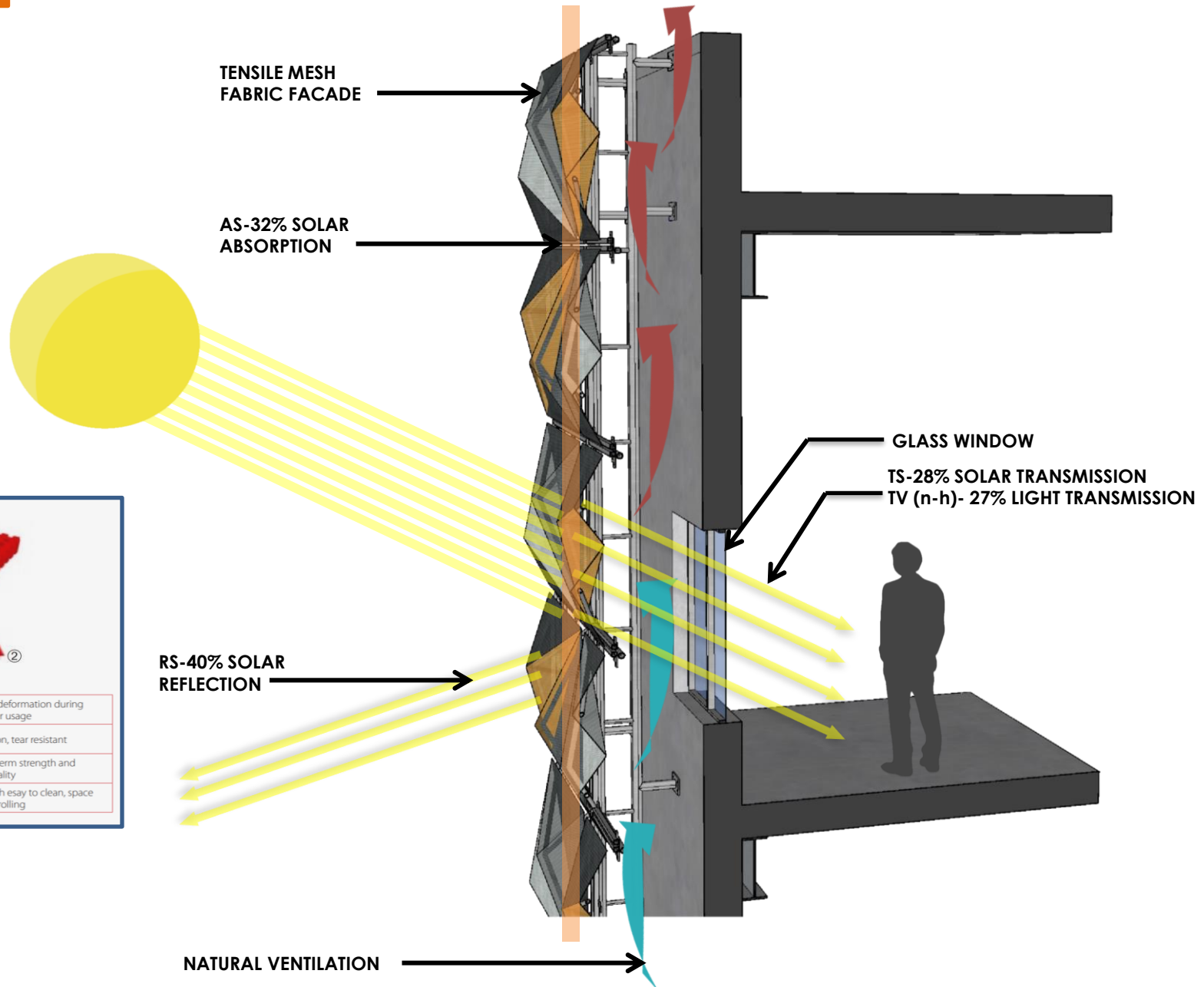
➤ **TOTAL TS+RS+AS=100%**

TS = Solar Transmission 28%

RS = Solar Reflection 40%

AS = Solar Absorption 32%

TV (n-h) = Normal - Hemispherical
Visible light transmission (27%)



AESTHETIC VARIETY

Creation of 3-Dimensional amorphous forms not possible in other materials, that adds value to the building and reflect the corporate identity.



Riffa Views International School, Bahrain.



Gulf Shade Headquarters, Bahrain.



■ *ETFE Skylight System*



■ *Car Parks*



■ *Cable Net System*



Tensile Shading System ■



Roofing System ■



