



**Structural transparent innovative skin
STFE**

idt customawnings.com/stfe

idt [customawnings.com/stfe](https://www.customawnings.com/stfe)

We are thrilled to announce the launch of our latest innovation, the evolutionary Serge Ferrari STFE fabrics.

Designed with cutting-edge technology and unparalleled craftsmanship, STFE fabrics are set to redefine the standards of durability, aesthetics, and functionality in the awning industry.

Why Choose STFE Fabrics?

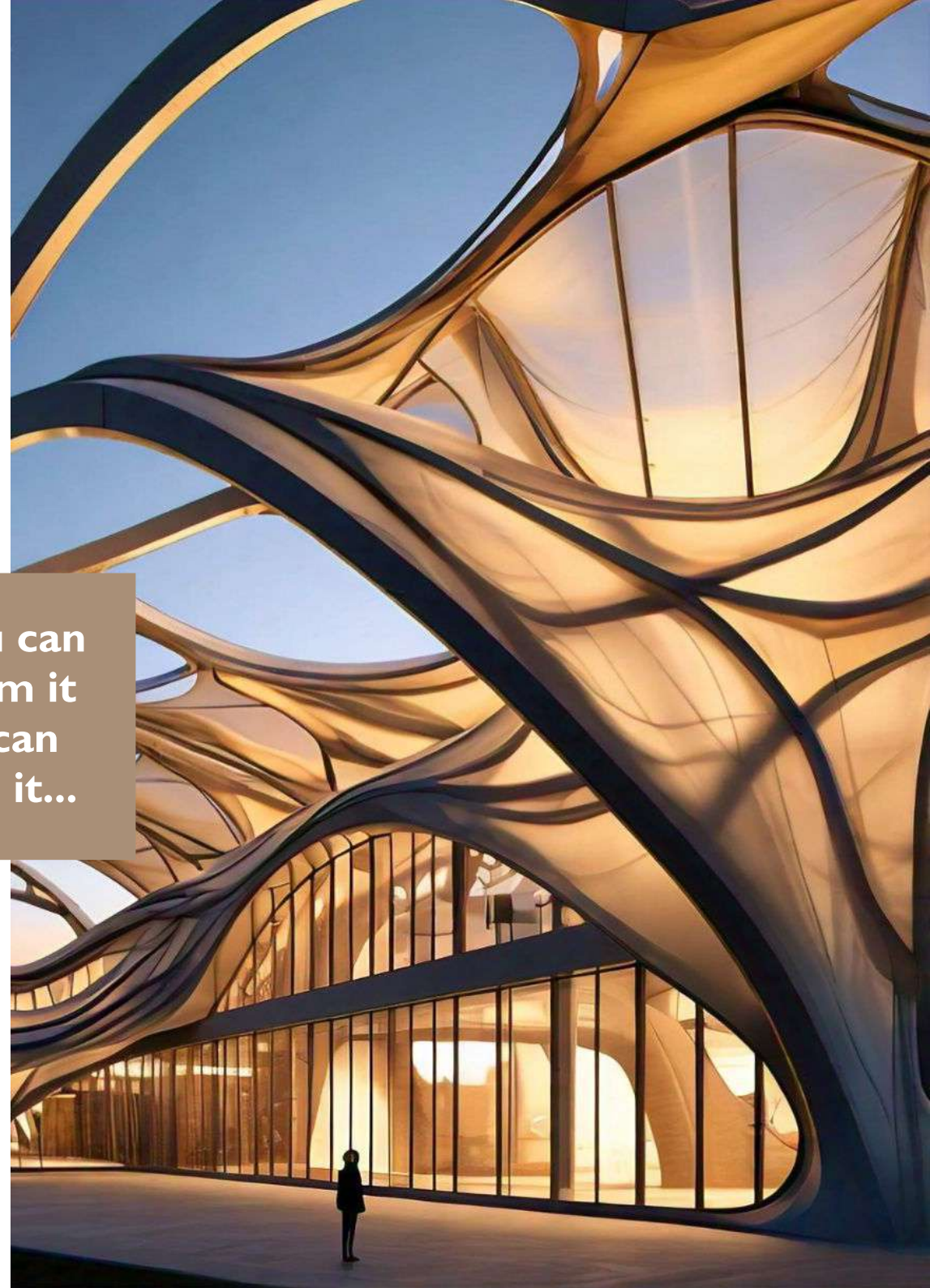
Superior Durability: Engineered to withstand the harshest weather conditions, STFE fabrics offer exceptional resistance to UV rays, moisture, snow, hail and wear and tear, ensuring your awnings look pristine for up to 30 years.

Elegant Aesthetics: STFE fabrics provide a sleek and modern look that enhances the visual appeal of any space.

Eco-Friendly: STFE fabrics are an environmentally conscious choice, contributing to a greener planet.

Enhanced Comfort: With excellent thermal and acoustic properties, STFE fabrics create a comfortable and serene outdoor environment, perfect for relaxation and entertainment.

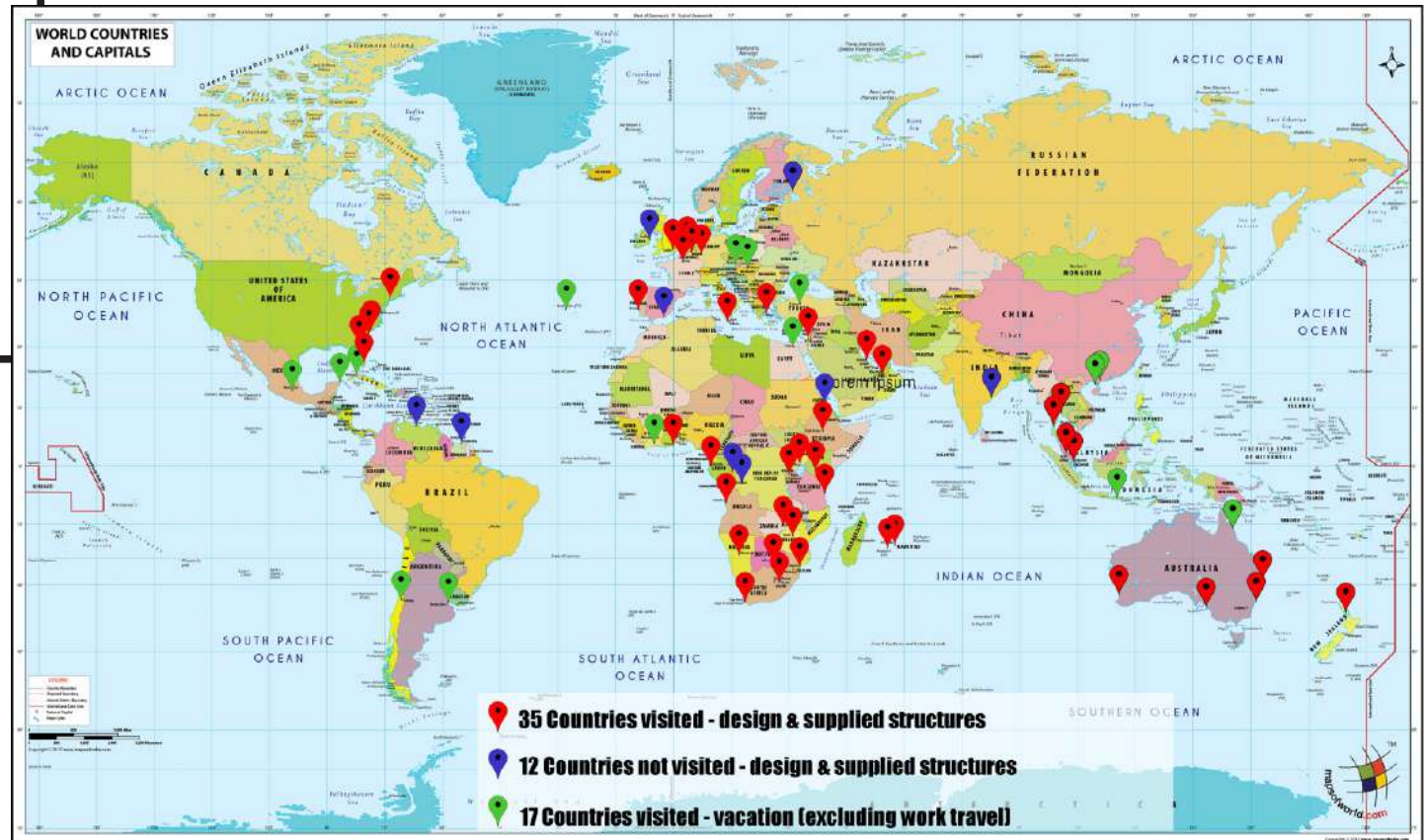
If you can
dream it
we can
build it...



idt customawnings.com/stfe

2024 by the numbers

- 32 years experience
- 1 000's of projects
- 10 000's of structures
- 47 countries
- 88 standard designs
- 10 000's of engineering & design hours



idt customawnings.com/stfe



idt customawnings.com/stfe

FINDING YOU IN EVERY DETAIL

When deciding on the perfect design for your needs there are a number of criteria that need to be taken into account.

Amongst these is how much power we need to provide. What is the expected lifespan of the structure. Do you require the structure to provide shade, hail and or rain protection. What is the general layout of the area we have at our disposal.



Function of the structure to provide shade or rain protection. What weather conditions can we expect & what weather conditions need to be taken into account in the design.



Preferred design. There are many designs that we can offer in both standard and bespoke designs. We work with you to determine the best fit for your requirements.



Do you require an engineers sign off on the project or do you just require the structural analysis report that we routinely offer to our clients for each project we undertake.

idt customawnings.com/stfe

Services

- conceptual design
- 3D model
- renders
- layout drawing
- structural analysis
(for your region)
- fabrication drawings
- foundation layouts
- steel cutting list
- hardware list
- membrane pattern
- cable detail & lengths
- assembly instructions



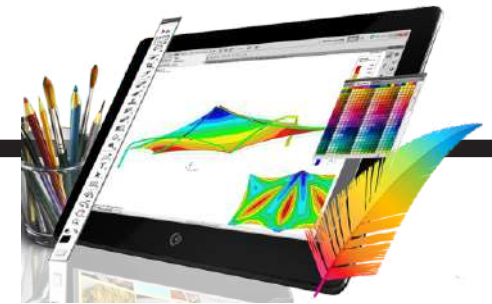
ENVIRONMENTAL

DESIGN



In general the design process takes about 7 working days. This includes the layout drawings, renders and membrane patterns.

ANALYSIS



Structural analysis is conducted by country and by region in accordance with the required wind load codes of the region. This process can take up to a week depending on the complexity of the design.

idt customawnings.com/stfe

FABRICATION

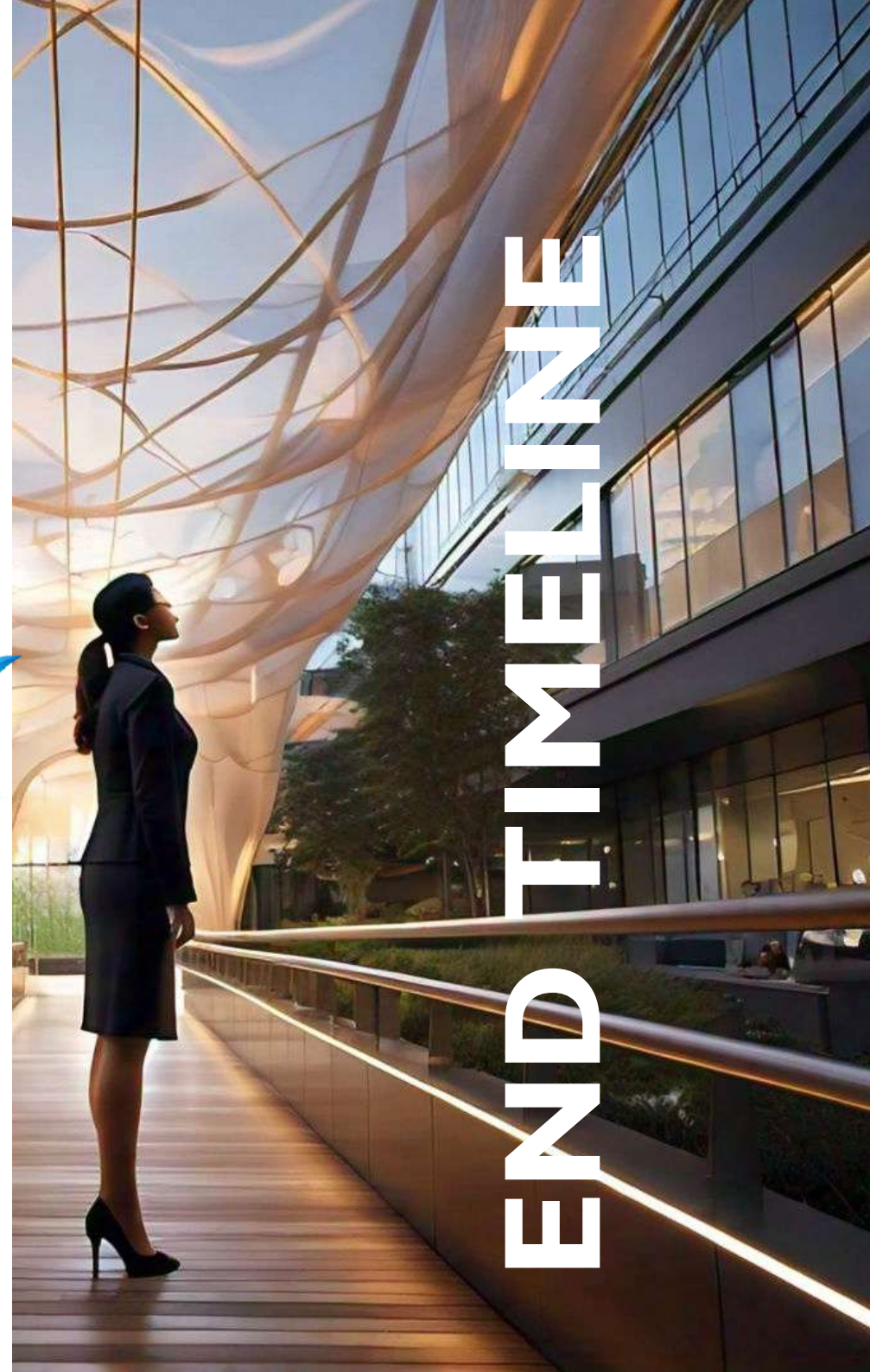


INSTALLATION



Fabrication process takes about 4-6 weeks. This will include the costing, procurement, receipt of materials, fabrication & coating.

The time on site is totally dependent on the complexity of the structure. Site visits are normally broken up into foundations and the installation of the actual structure.



**END
TIMELINE**

idtcustomawnings.com/stfe

STFE fabric characteristics:

As a building skin, STFE disappears and becomes transparent to leave room to the horizon

> Light Transmission for a better view through.

Natural Light for user's comfort for plants growth thanks to UV.

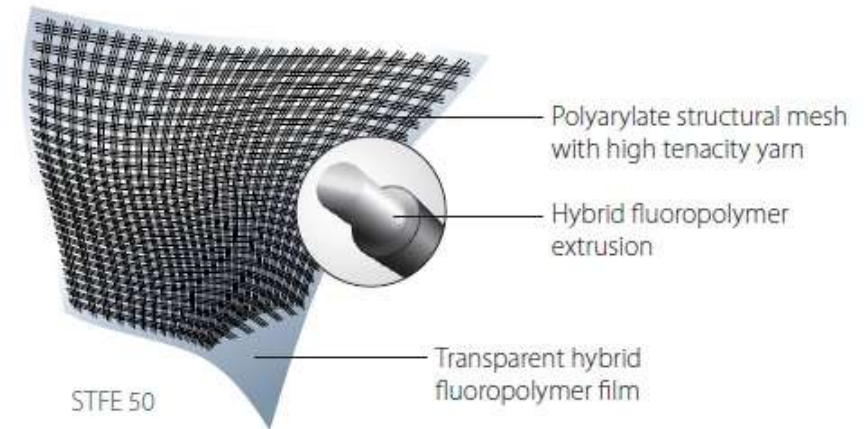
Sun Glass Effect thanks to integrated sun mesh protection.

High mechanical resistance (8 tons/linear meter).

Fire Resistant (Euroclass B-s1,d0) (ASTM E 84 A).

30 year Design Life - Excellent ageing performance.

(Accelerated weathering tests at third party laboratory show more than 30 year longevity)



idt customawnings.com/stfe

Restaurants



idtcustomawnings.com/stfe

Walkways



idt customawnings.com/stfe

Between Buildings



idt customawnings.com/stfe

Petrol Station Forecourts



idt customawnings.com/stfe

Office Balcony



idt customawnings.com/stfe

Patio



idtcustomawnings.com/stfe

Courtyard



idtcustomawnings.com/stfe

Car Parking



idtcustomawnings.com/stfe
sales@idtcustomawnings.com
+27 (0)11 791 1888