



PADEL Tennis

IDT Custom Awnings

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Introduction to Tensile Padel Court Roofs:

Tensile padel court roofs are architecturally innovative and offer a unique solution to weather-related challenges as well as enhancing the playing experience.

Purpose:

Tensile padel court roofs are primarily designed to protect the court from outdoor elements such as rain, sun glare, wind, and debris. By installing a roof over the court, players can enjoy uninterrupted gameplay regardless of the weather conditions, extending the usability of the court throughout the year.

Materials:

Tensile are lightweight, translucent and offer UV protection. They allow natural light to penetrate the court while providing shelter from rain and sun. Our Tensile Roofs are made of PVC-coated polyester with a PVDF coating. They are weather-resistant and carry a 10 year warranty on the membrane and have an expected lifespan of 15-20 years. Tensile fabric roofs provide shade and shelter while allowing air circulation.

Installation and Construction:

We provide a comprehensive structural analysis report with every project. It's essential to comply with local building codes and regulations governing the construction of roofs and structures to ensure safety and structural integrity. All our designs comply with SABS 0160 wind load codes.



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Benefits:

Weather Protection: Padel court roofs allow players to enjoy the game in various weather conditions, including rain, sun, and wind.

Extended Playing Hours: With a roof in place, padel courts can be used throughout the day and year, even during inclement weather or in regions with extreme temperatures.

Enhanced Comfort: Roofs provide shade and shelter, creating a more comfortable playing environment for players and spectators alike.

Long-Term Investment: Installing a roof over a padel court can increase its value and appeal, making it a worthwhile investment for facilities looking to attract players and generate revenue.

Overall, padel court roofs offer a practical solution to weather-related challenges, extending the usability of the court and enhancing the playing experience for enthusiasts. Whether fixed or retractable, roofs provide shelter and protection, allowing players to enjoy the game in various conditions.



TIMELINE



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.

Padel Court Cover ROI– Regional Comparison per padel court

Region	Rainy Days	Hot Days (>30°C)	Lost Hours/Year	Lost Revenue/Year	5-Year Revenue Gained	Cover Cost	Net Profit (5 yrs)	ROI (5 yrs)
Cape Town	68	15	966	R386,400	R1,932,000	R950,000	R982,000	103.37%
Gauteng	94	30	1,428	R571,200	R2,856,000	R950,000	R1,906,000	200.63%
KwaZulu - Natal	160	30	1,900	R760,000	R3,800,000	R950,000	R2,850,000	300.00%
Mossel Bay	96	10	1,252	R500,800	R2,504,000	R950,000	R1,554,000	163.58%
Nelspruit	96	0	1,152	R460,800	R2,304,000	R950,000	R1,354,000	142.53%

Why Covering Your Padel Court Makes Financial Sense

Imagine you own a padel court. You rent it out for **R400/hour**, and you're open **10 hours a day, every day**.
Cost to cover your court: R950,000.

Why use IN DEMAND TRADING (Pty) Ltd

- The 1050 gram PVDF coated membrane on the structures produced by IN DEMAND TRADING has a ten year warranty and will last around 20 years.
- We offer a compelling mix of **engineering expertise, durability, and custom design**—especially suited to South Africa's climate and padel business needs.
- Whether you want a sleek canopy or a fully enclosed rain-and-sun-proof structure, In Demand Trading offers **custom dynamic designs** tailored to your court layout and branding.
- Our 3D modeling process allows for **precise adjustments** to steel specs, ensuring both aesthetics and value engineering.
- In Demand Trading understands the **local climate, regulations, and market expectations**, making them a smart choice for South Africa-based padel entrepreneurs.
- We have 33 years experience in designing and installing 1000s of Tensile and Shade Structures in 47 countries around the world.

Structural Excellence

- In Demand Trading specializes in tensile and shade structures engineered to withstand high wind loads and harsh sun exposure.
- We use architectural-grade PVC with a PVDF coating, ensuring long-lasting performance.
- Our Engineering team perform a **finite element analysis** and wind load simulations to optimize each design for your specific terrain and weather conditions.
- We provide a structural analysis showing compliance with SABS 0160 wind load codes (40m/s).

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FABRICATION



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

INSTALLATION



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



END
TIMELINE

FINDING YOU IN EVERY DETAIL

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

Amongst these are whether the structure needs to be waterproof or just for sun protection. Must the structure be water proof to the building. What is the life expectancy you require out of the membrane. Will you be adding drop down or glass around the structure in the future



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 for the design.



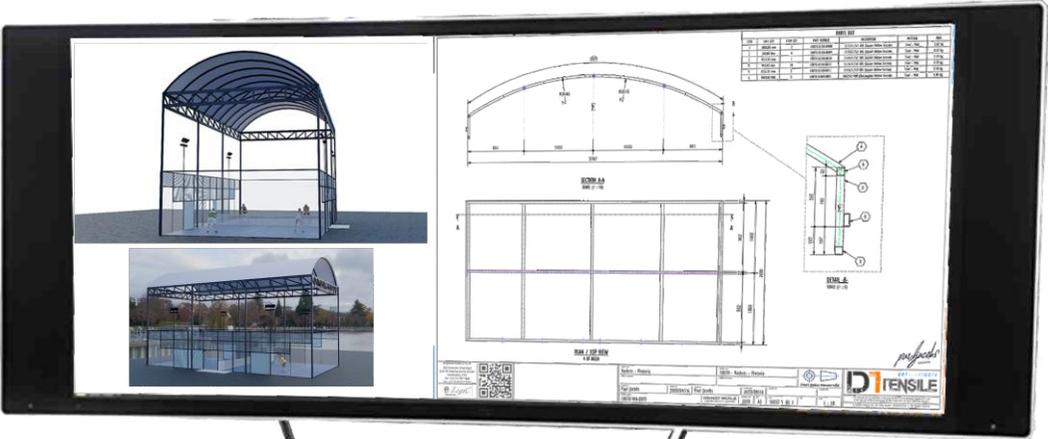
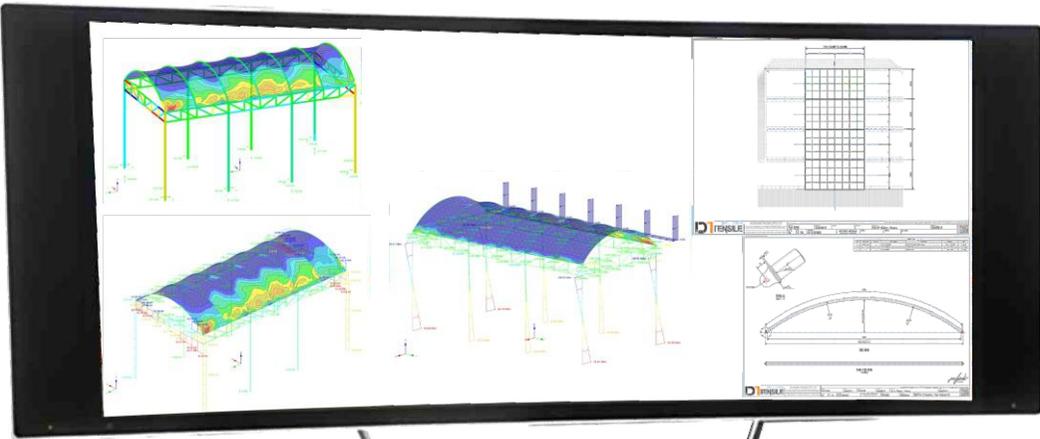
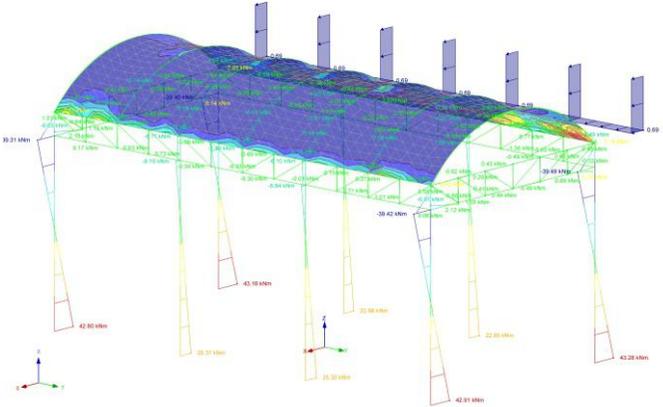
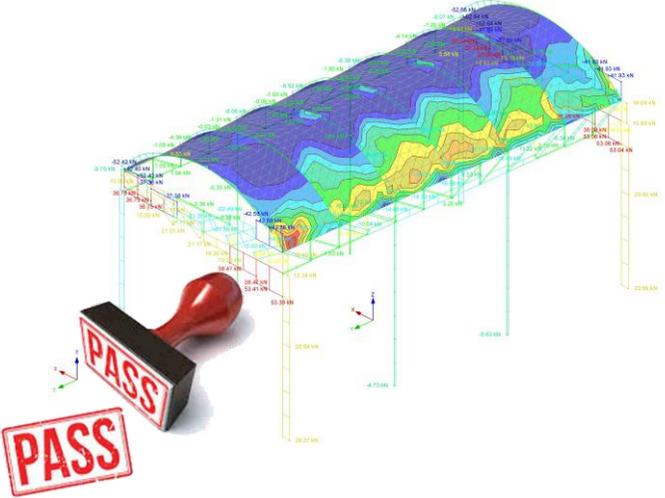
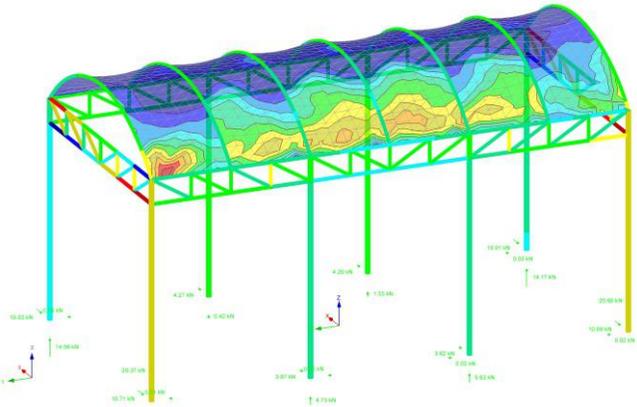
Preferred design. There are many designs that we can offer in both standard and bespoke designs. We work with you to determine the best fit for your requirements.



Do you require an engineer's 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.

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INSIST ON A STRUCTURAL REPORT



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**1 Single Court Cover
(12 000 x 22 000mm)**

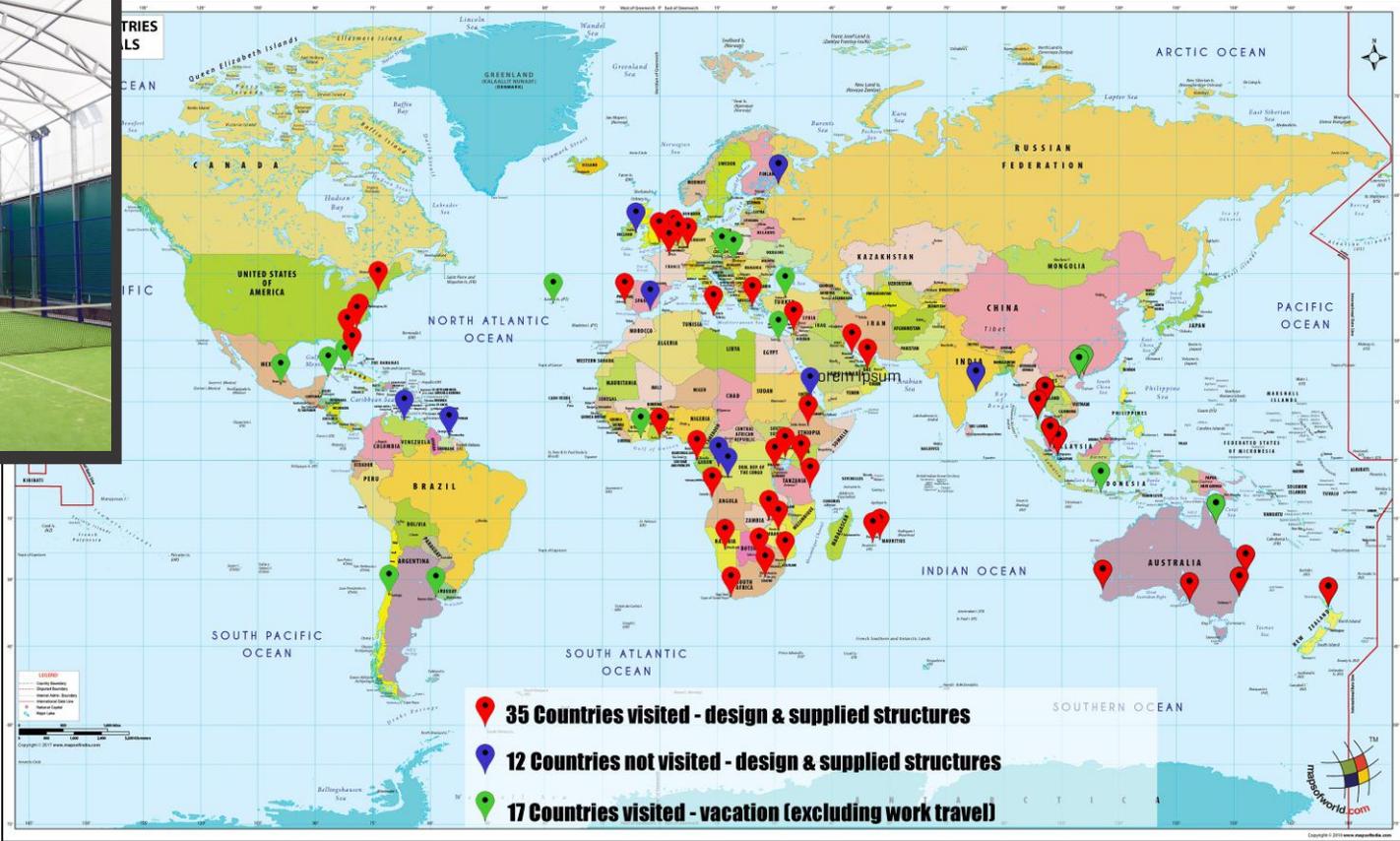


**2 Double Court
(25 000 x 22 000mm)**





After 32 years in the industry we have completed projects in 47 countries.



PADEL
TENNIS
ENCLOSURES

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Design IDT0010



IDT Custom Awnings

Design IDT0020



IDT Custom Awnings

Design IDT0030



IDT Custom Awnings

Design IDT0040



IDT Custom Awnings

Design IDT0050



IDT Custom Awnings

Design IDT0060



IDT Custom Awnings

Design IDT0070

Solid Roof



IDT Custom Awnings

Design IDT0080



IDT Custom Awnings

Design IDT0090



IDT Custom Awnings

Design IDT0010

Motorized Retractable Wave Roof



IDT Custom Awnings

Design IDT0011

Motorized Retractable Barrel Roof



IDT Custom Awnings

Design IDT0012



IDT Custom Awnings

Design IDT0013

Shade Cloth Extreme 32



IDT Custom Awnings

Design IDT0014

Shade Cloth Extreme 32



IDT Custom Awnings

Design IDT0015



IDT Custom Awnings

Design IDT0016



IDT Custom Awnings

Design IDT0017

Pickleball



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Solaris Flexible Solar Power Panels



Solar power is a renewable energy source, meaning it is abundant and inexhaustible, unlike fossil fuels.

Low Operating Costs: Once installed, solar panels have minimal operating costs since sunlight is free and abundant.

Environmentally Friendly: Solar power generation produces no greenhouse gas emissions or air pollutants, making it environmentally friendly and contributing to reducing carbon footprints.

Energy Independence: Solar power allows individuals and businesses to generate their own electricity, reducing dependence on traditional utility providers and increasing energy independence.

Solaris flexible solar power panels offer a sustainable and cost-effective solution for generating electricity from sunlight, contributing to a cleaner and more sustainable energy future.



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