

SHELTER DOME

2026 PRODUCT CATALOGUE



WWW.SHELTER-DOME.COM



WELCOME

Thank you for your interest in Shelter Dome's dome structures!

As a sub-brand of Shelter Architecture Technology (GuangDong) Co.,Ltd, Shelter Dome has been specializing in the design and manufacturing of geodesic structures since 2017. We are constantly expanding our warehouse and inventory to quickly meet the needs of different markets. Additionally, we have experienced distribution centers in Japan, Australia, Italy, Panama, and Chile to ensure efficient logistics and installation services for customers worldwide.

Our products are recognized for their outstanding quality and durability by many global clients, including the United Nations, Procter & Gamble, Ferrari, and Porsche, etc. Our geodesic structures have been successfully used in hundreds of events and projects across 30+ countries, including the U.S., Japan, New Zealand, the U.K., Iceland, and Australia, showcasing their all-weather durability.

We pride ourselves on creating high-quality dome tents tailored to our customers' specific needs, focusing on every detail. We strive to deliver services that exceed expectations, and our many returned customers are a testament to the quality of our products and service. Additionally, we have extensive experience in managing large-scale projects, offering one-stop solutions from planning and design to production and delivery. Our solutions are widely used in hotel complexes, luxury glamping resorts, and leisure destinations.

INTERNATIONAL PROJECTS



WHAT ARE DOMES?



Introduction

Dome structures are captivating in architecture for their unique semi-spherical shape.



Key Features



High strength and stability, able to withstand wind and earthquakes.



Energy-efficient and environmentally friendly.

Design Inspiration



Based on geodesic dome design by R. Buckminster Fuller.



Utilizes triangles for lightweight, strong structures.



From small, cozy rooms to spaces fitting 6.73 basketball courts.

GEODESIC DOME

Products by Structure



Discover the World of Geodesic Domes



Most Renowned and Popular

Geodesic domes are the most famous dome structures globally.



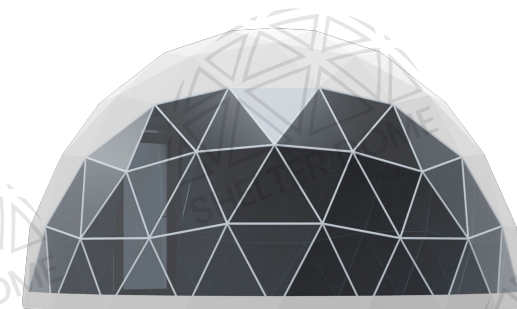
Maximized View

The triangular frame design maximizes the view, enhancing the indoor experience.



Cost-Effective Buildings

Use less material and time to match traditional building size and strength.



Introduction

Features polyhedral structures like icosahedron structures subdivided into triangles, providing maximum symmetry and efficient material usage.

Applications of Geodesic Domes



Geodesic Glamping Dome



Geodesic Dome Home



Geodesic Dome Greenhouse



Geodesic Dining Dome



Geodesic Event Dome

LAMELLA DOME

Products by Structure



Discover the World of Lamella Domes



Top-Notch Design

The top features reinforced elements, and the doors are more flexible.



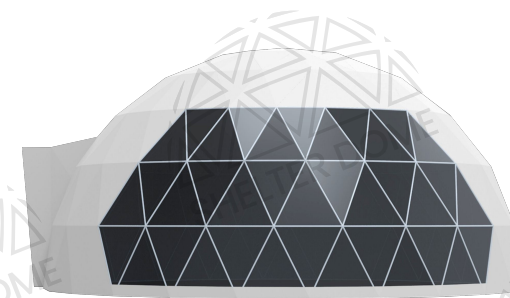
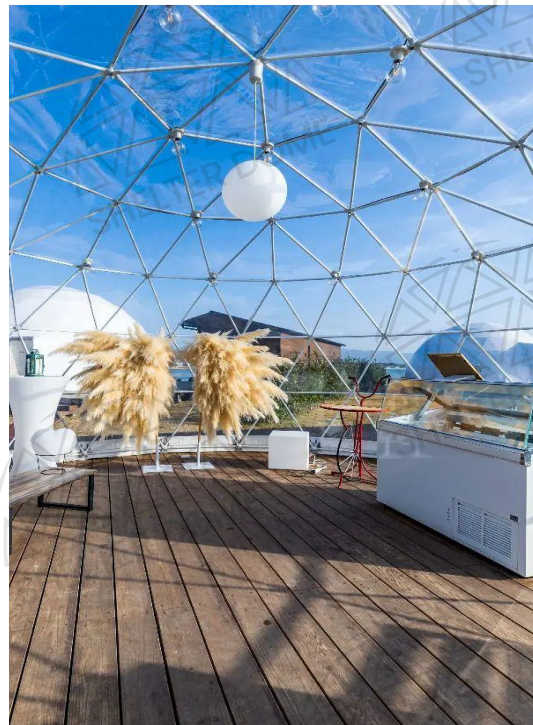
Neat and Uniform

All the pipes are evenly angled, giving the structure a clean, cohesive look and a touch of elegant geometric beauty.



Ideal for Large Structures

With its superior strength, this design is perfect for large and medium-sized domes.



Introduction

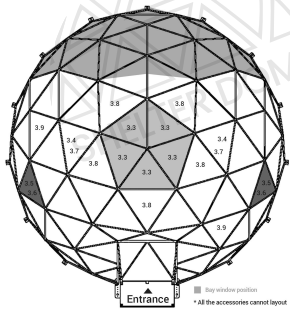
In each layer, the triangular pipes are evenly distributed at the same angles both radially and horizontally.

Applications of Lamella Domes



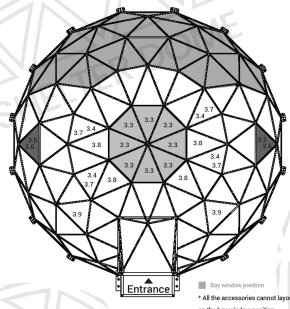
Geodesic Dome Vs. Lamella Dome

Appearance



Geodesic Dome

VS



Lamella Dome



If you prefer a neat and uniform visual effect, the lamella dome's consistent frame direction might be more appealing. However, if you want a structure that closely resembles a sphere, the geodesic dome is the better choice.

Stability & Durability



For projects requiring high stability and durability, especially for long-term use, the lamella dome's reinforced top structure offers superior performance.

Ease of Assembly



If you prioritize a quicker and easier assembly process, the geodesic dome is more suitable due to its fewer and more uniform components.

Cost



Budget is a key consideration. Generally, lamella domes are more expensive than geodesic domes because they require more pipes and additional reinforcement. However, in some specific sizes, the cost of a geodesic dome can be higher.

AIR DOME

Products by Structure



Discover the World of Air Domes



Swift Construction and Mobility

Our air domes install in about 15 days and are easy to relocate due to their modular design, requiring no complex infrastructure.



Superior Safety and Stability

They resist tearing and can withstand Category 5 hurricanes. Their design lets rain and snow slide off easily.



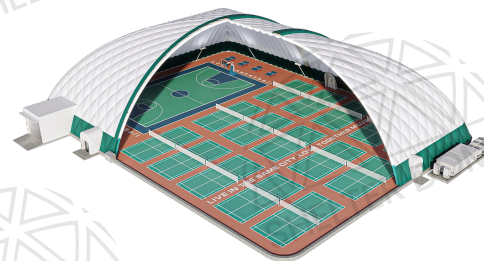
Cost Efficiency

Air domes save 25–40% of construction costs compared to traditional buildings, with reduced maintenance costs and no need for complex foundations.



Environmental Performance

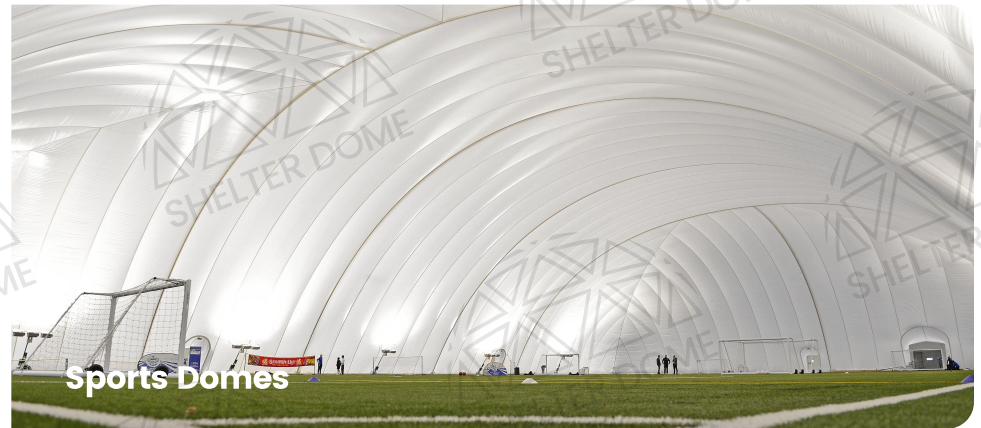
Made with PVC and a PVDF coating, they allow 25% natural light, reduce heating and cooling costs, and are eco-friendly with no pollution or waste.



Introduction

This large building structure features an outer layer made of PVDF membrane fabric and an inner layer of PVC membrane fabric. An intelligent mechanical system maintains internal air pressure stability, ensuring the overall structural integrity.

Applications of Air Domes



GEODESIC DOME

Products by Material



Expansive Views

The domes' large transparent sides offer stunning views of the outdoors, whether it's the morning light or starry night, making every scene feel like a painting.



Low Maintenance

Featuring waterproof, UV, and mold-resistant coatings, the domes are durable and easy to maintain, with innovative segmented coverings to lower upkeep costs.



Stable Structure

Built with a strong triangular frame, PVC domes evenly distribute stress, ensuring stability in wind and rain for your safety.



Eco-Friendly & Energy Efficient

The dome's design maintains stable temperatures, reducing energy use, and optional insulation panels further cut down on energy costs.



Introduction

The PVC dome features an eye-catching design and a stable structure. Its unique shape boosts heating and cooling efficiency by 30%. With spacious interiors and projection technology, it offers an immersive experience, perfect for luxury resorts, weddings, and events, providing a memorable and unique atmosphere.



Product Specifications

Cover	850g/sqm fully opaque PVC fabric available in white, beige, green, or 950g/sqm transparent PVC fabric
Framework	Q235 steel pipe available in white, black coating, or galvanized
Diameter range	5-50m / 16-160ft
Floor space range	20-1962m ² / 211-21120ft ²
Adaptable temperature range	5°F to 131°F (-15°C to 55°C)
Custom size	Available
Waterproof	Yes
Mildew proof	Yes
UV resistant	Yes
Flame resistant	DIN 4102 B1, M2; USA NFPA701
Wind load	120 km/h (74.5 mph)
Snow load	51 kg/m ²
Custom logo printing	Available

PVDF DOME

Products by Material



Impressive Look

The PVDF tarpaulin dome features a sleek triangular frame with a unique segmented cover design, making it look modern and eye-catching.



Spacious Interior

Inside, the dome offers a flexible, open space perfect for meetings, product launches, and more.



Immersive Atmosphere

Its curved design and natural light create a captivating atmosphere, enhancing the overall experience.



Branding Opportunities

Customize the exterior and interior to showcase your brand and make a strong impression at your event.



Introduction

The PVC dome features an eye-catching design and a stable structure. Its unique shape boosts heating and cooling efficiency by 30%. With spacious interiors and projection technology, it offers an immersive experience, perfect for luxury resorts, weddings, and events, providing a memorable and unique atmosphere.



Product Specifications

Cover	1050 G/M ² PVDF Roofing, 950 G/M ² Transparent PVC For The Sides
Framework	Curved Aluminum Alloy Profile In 45mm*65mm With Wood Grain Finishes
Diameter range	10-15m / 33-49ft
Floor space range	79-177m ² / 850-1900ft ²
Custom Size	Available
Custom Logo Printing	Available
Waterproof	Yes
Mildew proof	Yes
UV resistant	Yes
Flame resistant	DIN 4102 B1, M2; USA NFPA701
Wind load	120 km/h (74.5 mph)
Snow load	51 kg/m ²

POLYCARBONATE DOME

Products by Material



Blending with the Environment

These domes, which can be transparent, translucent, or colored, provide an immersive experience for residents and event attendees.



Durable & Lightweight

Made from lightweight polycarbonate panels, they are strong, impact-resistant, and easy to transport.



Excellent Protection

They offer great thermal insulation and UV protection, shielding against various weather conditions.



Comfortable Environment

With efficient ventilation to reduce condensation and optional flooring to prevent moisture, these domes ensure a dry and comfortable indoor space.



Introduction

Our polycarbonate domes are durable and versatile, perfect for both outdoor living and events. For glamping, they offer luxurious, secure accommodations with stunning views of the starry sky. For events, their strong, spacious design adds a modern touch and ensures smooth operations, making them ideal for weddings, conferences, and more.



Product Specifications

Cover	Polycarbonate Panel In 6mm
Framework	Aluminum Alloy T6061/T6
Diameter range	5-50m / 16-160ft
Floor space range	20-1962m ² / 211-21120ft ²
Waterproof	Yes
UV Resistant	Yes
Flame resistant	DIN 4102 B1, M2; USA NFPA701
Wind load	120 km/h (74.5 mph)
Snow load	51 kg/m ²
Custom Logo Printing	Available

GLASS DOME

Products by Material



Elegant Appearance

The glass dome's large panels and triangular frame create a stunning visual impact, seamlessly blending with its surroundings.



Comfortable Environment

Ventilation and temperature control keep the dome pleasant year-round, while optional curtains add privacy.



Stable Architecture

The triangular frame and sturdy aluminum alloy construction provide exceptional stability and durability, making the dome resilient to weather conditions.



Acoustic Advantages

Designed for effective sound insulation, the dome creates a quiet, peaceful environment, ideal for relaxation and focus.



Introduction

Glass domes provide breathtaking views and a modern design with large panels. They feature efficient ventilation and insulation for a comfortable interior. Ideal for glamping, they offer stunning vistas and privacy. For events, they serve as elegant, flexible venues with natural light and weather resistance, ensuring a memorable experience.



Product Specifications

Cover	Laminated Tempered Glass In 5mm+0.76 PVB+5mm
Framework	Aluminum Alloy T6061/T6
Diameter range	5-50m / 16-160ft
Floor space range	20-1962m ² / 211-21120ft ²
Custom Size	Available
Waterproof	Yes
UV resistant	Yes
Flame resistant	DIN 4102 B1, M2; USA NFPA701
Wind load	120 km/h (74.5 mph)
Snow load	51 kg/m ²
Custom Logo Printing	Not Available

ACHIEVE MORE



Connected dome

Connected domes integrate multiple structures into large, open spaces without internal supports. This design is flexible for diverse uses, such as event venues, workspaces, or recreational areas, creating adaptable and spacious environments.



Projection dome

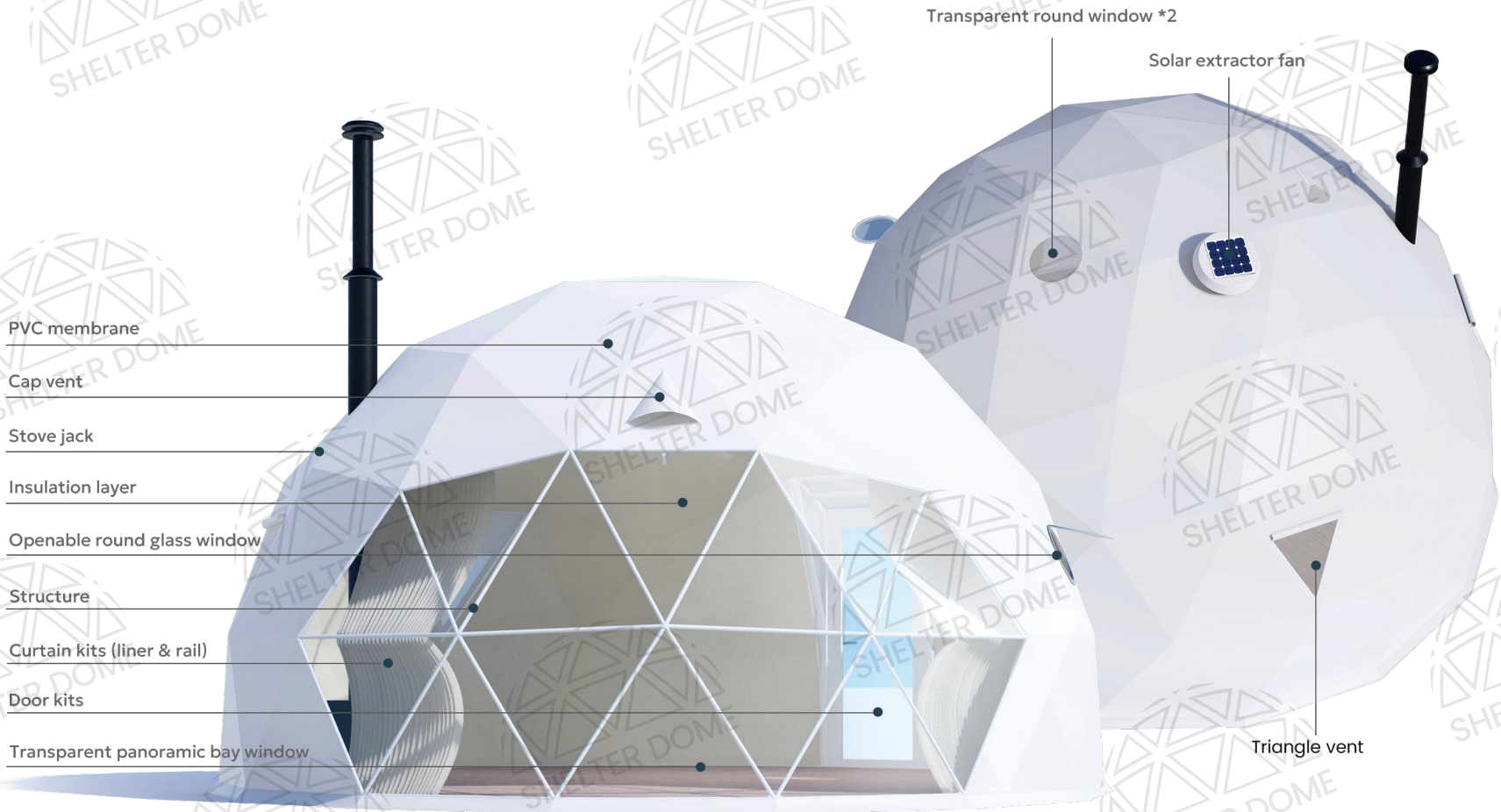
The projection dome blends advanced 360-degree projection technology to deliver an unmatched visual adventure. Its unique spherical structure offers an immersive visual experience with lifelike images and videos. Whether you want to enhance events or provide visual enjoyment for audiences, it meets your needs. Choose it for a perfect blend of technology and innovation!



Stage dome

With the stage dome's unique multiple triangular frame structure and innovative open-air design, the stage dome delivers a fresh visual experience. It significantly enhances the overall effect and atmosphere of any stage. Whether for large-scale performances or small events, it stands out as your best choice.

PRODUCT COMPONENTS



PVC membrane

Cap vent

Stove jack

Insulation layer

Openable round glass window

Structure

Curtain kits (liner & rail)

Door kits

Transparent panoramic bay window

Transparent round window *2

Solar extractor fan

Triangle vent



skylight

Solar extractor fan



Triangle vent

PVC membrane

Cap vent

Stove jack

Insulation layer

Openable round glass window

Structure

Curtain kits (liner & rail)

Door kits

Transparent panoramic bay window

SHELTER DOME



INSULATION LAYER

CANVAS



★ DE604A



★ DE406A

- Radiation heat reflection coefficient: up to 85%;
- Moisture-proof



CURTAIN KITS

(LINER & RAIL)

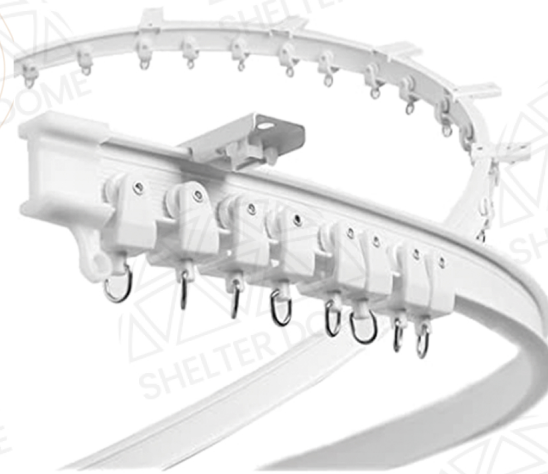


Features

100% Waterproof, rust-resistance

Dual-track design

Our exclusive dual-track design helps the curtain slide effortlessly.



LINEN



● JH1003-10



● JH1003-18

JERSEY



● WXL-01



● WXL-06



● WXL-13

ACCESSORIES



SOLAR EXTRACTOR FAN

The solar extractor fan provides a green cooling solution by removing warm air from the top of the dome. It's easy to use with a remote control and features modes like silent mode and high-efficiency mode to match your needs.

Specifications

- Electric Current Type: DC / AC
- Adapter Type: Customizable by country
- N/W: 13.2KGS

Polycrystalline Solar Panel

- Power: 35W
- Size: 365x365x25mm

Aluminum Fan Blade

- Size: 14 inches

DOOR KITS

Specifications

- Size: H2100 * W900m
- Frame: T6063-T5 **aluminum frame**

Wood Plastic Casting Panels, 3 colors for
Color Options: Grey / Oak / Black Walnut

Features

Come with picture window in the
entranceway;
Come with enclosure;
Open Outward;





STOVE JACK

For ø6 inch stove pipe

The stove jack hole position and size can be customized based upon your needs and factory cut, preserving the integrity of the steel frame, PVC outer shell and interior insulation fabric.

MAGNETIC SCREEN DOOR

The high-density mosquito mesh Magnetic Screen Door keeps insects out of your dome. The screen automatically opens and closes offering hands-free entry and exit for both you and your pets.

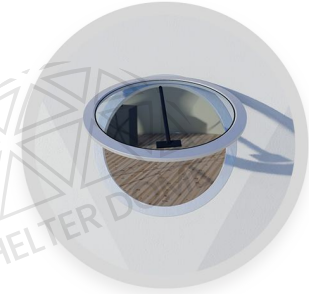


CENTRAL SKYLIGHT

Central polygon skylight at top, 950g/sqm transparent PVC, fixed. The skylight brings natural light, improves energy efficiency, adds aesthetic appeal, and connects the indoors with nature. You can enjoy the starry sky while lying in bed with it.

OPENABLE ROUND GLASS WINDOW

ø500mm
Openable Glass Window is fabricated with an aluminum alloy frame and tempered glass. Come with the Bespoke Anti-Mosquito Mesh, Like No Other



TRIANGLE VENT

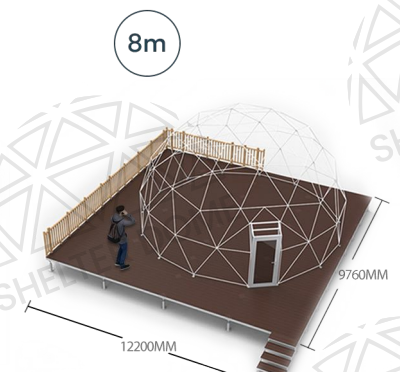
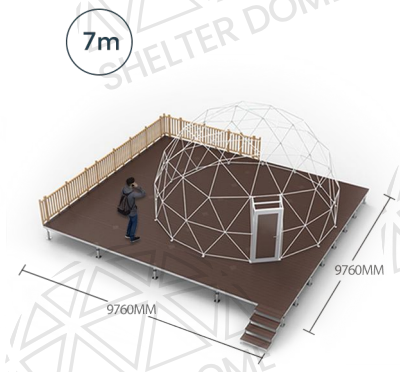
Two-layer Roll-up Ventilation Window offers a roll-up strapable PVC fabric exterior and heavy duty fly screen interior.

CAP VENT

The cap vent comes with a triangle PVC fabric cover or "hat" which allows both air circulation and rain protection.



MODULAR DECKING SYSTEM



Build a Deck
in Hours



Minimal Tools
Required



Fast start
to ROI



Low
maintenance



Increase Your
Dome's Value



MODULAR BATHROOM

Modular bathrooms are revolutionizing the glamping industry by redefining the guest experience. Unlike traditional construction, modular bathrooms are independent and can be built in a short time. It is easy to install so it saves a lot of time and costs in terms of labor and construction.

The modern design adds up a touch of sophistication to the glamping experience. It also provides a luxurious and comfortable feelings for the guests. It is also customizable, allowing operators to choose from a variety of styles, colors, and materials to fit their specific branding and aesthetic requirements.

KEY BENEFITS

WIDE SELECTION

Complete range of shells solution

INNOVATIVE SOLUTION

Experience from glamping business, unique dry-wet separation system.

FLEXIBILITY

Integrated design, easy and fast onsite Installation.

SIMPLICITY OF REALIZATION AND SELF-CONTAINED

Lower cost of running the glamping site complex.

TIMES OPTIMIZATION

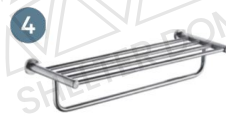
Reduction of on-site labors, cost effective.

ELIMINATION IN THE GLAMPING IN DUSTRY

In-depth understanding of the industry end-users, listening to the real needs of the market, comprehensive and proactive coordination of the supply chain professional design, and construction with complete qualifications.



MODULAR BATHROOM POD



MODULAR BATHROOM POD



MODULAR COMPONENTS

Bathroom Module

A cleverly designed space with a shower, a washbasin and a toilet. Comfort has been addressed with a big mirror and smartly arranged cupboards, one of them additionally hiding a flow heater inside.

Bedroom Module

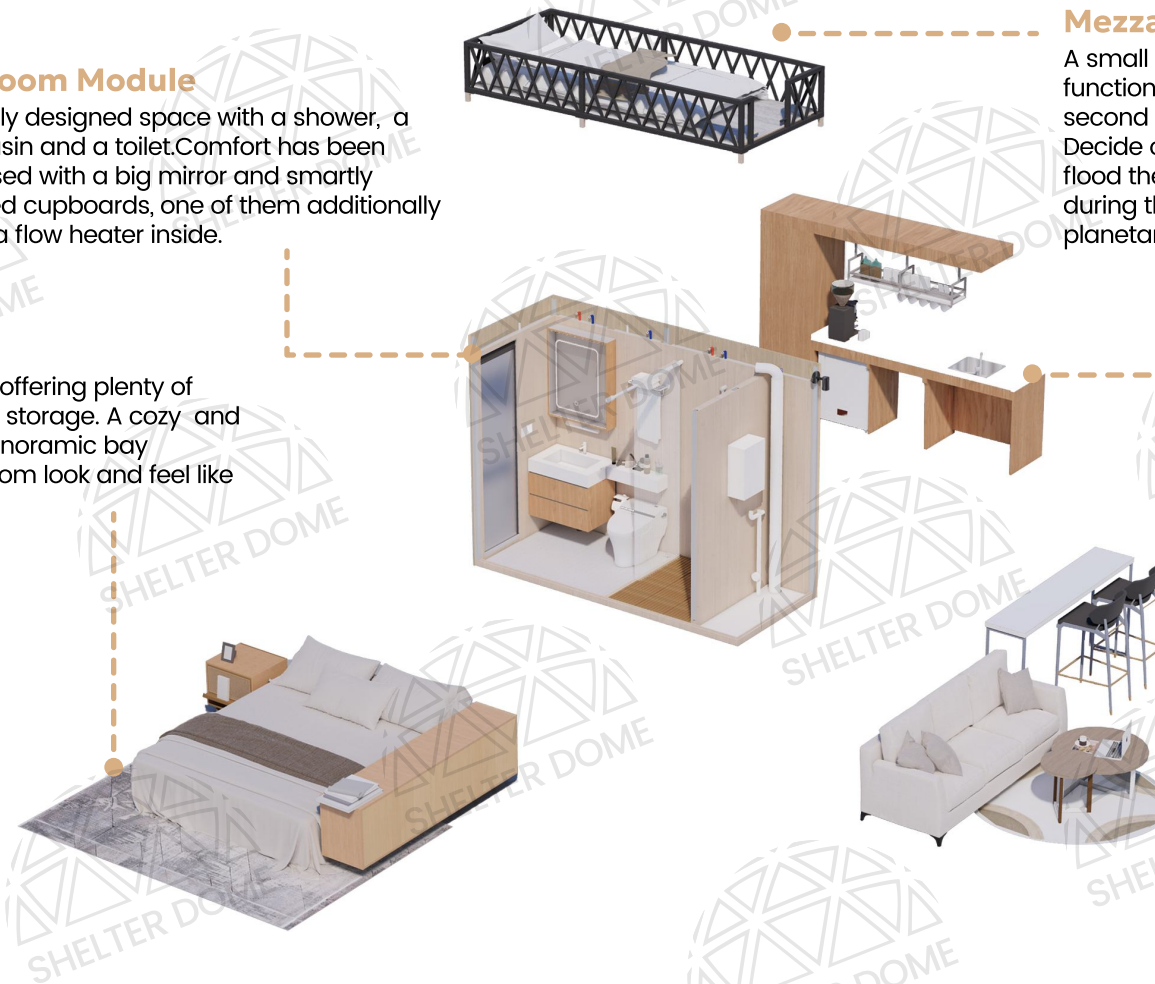
A show-stopping design, offering plenty of cupboard space for extra storage. A cozy and inviting bed facing the panoramic bay window makes the bedroom look and feel like a 5-star hotel.

Mezzanine Module

A small ladder leads up to additional functional space. It can serve as a second bedroom or a leisure room. Decide on a skylight window and flood the space with natural light during the day, and enjoy a private planetarium at night.

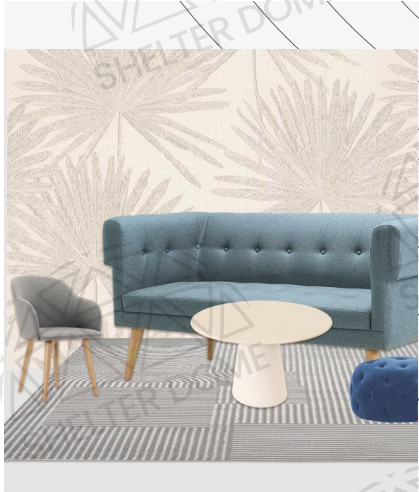
Kitchen Module

Sleek and modern design, equipped with a sink, an electric heating plate and a small refrigerator. Chic cabinets make room for appliances making this galley kitchen blend into a living space.



FURNITURE SET OPTION

Choose your style.



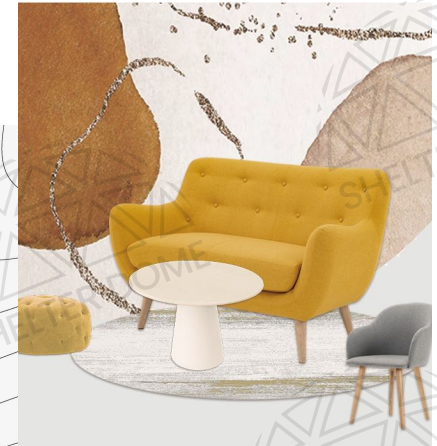
Culture and History



Fashion
Music
Photography



Personal Passion
Inspiration
Creation
Experience



Multiplicity
Variability

FURNITURES

6 METERS



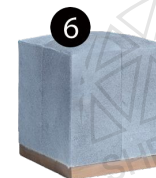
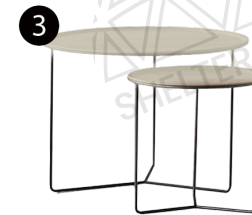
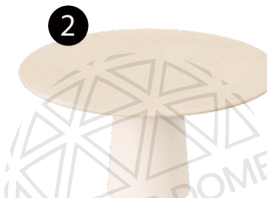
FURNITURES

7 METERS



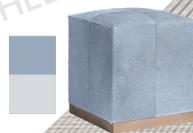
FURNITURES

8 METERS



FURNITURE SET OPTION

Choose your style.

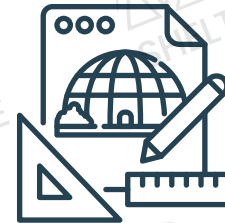


WHAT SHELTER DOME OFFERS



Environmental Preservation

Shelter Dome's event domes use eco-friendly materials and offer sustainable event solutions, reducing the impact of events on the environment.



Customization Support

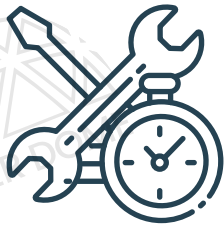
Shelter Dome offers customizable options, like logo printing and connected domes, to enrich events and amplify visual & promotional impact. With Shelter Dome, you can discover the optimal approach to achieving maximum impact.

WHAT SHELTER DOME OFFERS



Secure & Sturdy

Each dome meets the highest quality and structural safety standards, capable of handling large crowds and various weather conditions.



Speedy Setup

The large 6-meter diameter PVC dome can be constructed quickly and efficiently, typically taking half a day with a team of 3 people.





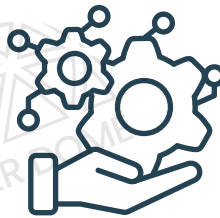
Approval Assistance

Drawing on extensive experience with approval processes, we guide you through the entire approval procedure smoothly.



Comprehensive Design Service

Based on your budget and preferences, we offer complete site planning and interior layout options to help you create the perfect living or event space.



Technical Support

Shelter Dome provides professional technical support such as schematic diagrams, MEP consulting, HVAC consulting, and pipeline layout.



Installation Guide

We provide detailed installation manuals and videos. If needed, we also offer on-site installation services to ensure a hassle-free setup.

PROJECT DISPLAY FOR GLAMPING

Colombia 6m Glamping Domes



Glamping Entre Montañas

Location	Tocancipá, Cundinamarca, Colombia
Land condition	highland
Climate	plateau mountain climate with temperatures ranging from 6°C to 20°C (43°F to 68°F)
Campsite size	approx.100 acres
What Shelter Dome offers	2 sets of 6-meter diameter domes

Jordan 5/6m Glamping Domes



Palmera Camp Wadi Rum

Location	Wadi Rum Village, Jordan
Land condition	desert
Climate	subtropical desert climate with temperatures ranging from 18°C to 31°C (64°F to 88°F)
Campsite size	approx.75 acres
What Shelter Dome offers	8 sets of 5-meter diameter domes, 12 sets of 6-meter diameter domes

PROJECT DISPLAY

FOR GLAMPING

Malaysia 6m Glamping Domes



Sea Horizon Resort

Location	Kota Tinggi, Johor, Malaysia
Land condition	seaside
Climate	tropical rainforest climate with temperatures ranging from 23°C to 30°C (73°F to 86°F)
Campsite size	approx.450 acres
What Shelter Dome offers	2 sets of 6-meter diameter domes

Chile 6m Glamping Domes



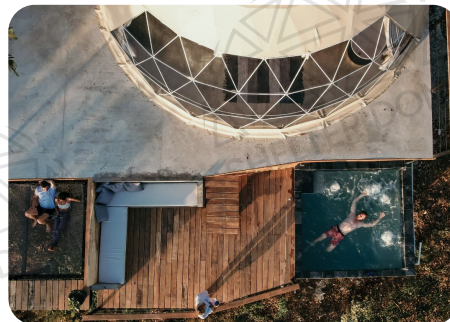
Alonso DOMOS

Location	Puerto Natales, Natales, Chile
Land condition	prairie and highland
Climate	subtropical mediterranean with temperatures ranging from -1°C to 25°C (30°F to 77°F)
Campsite size	approx.22.5 acres
What Shelter Dome offers	6 sets of 6-meter diameter domes, 1 set of catering dome

PROJECT DISPLAY

FOR GLAMPING

Panama 7/8m Glamping Domes



Alaya Panama

Location	Vía Isla Cañas, Cañas, Panama
Land condition	Hills, wetlands
Climate	tropical monsoon climate with temperatures ranging from 25°C to 30°C (77°F to 86°F)
Campsite size	approx.30 acres
What Shelter Dome offers	7 sets of 7-meter diameter domes, 2 sets of 8-meter diameter domes

Canada 4/8m Glamping Domes

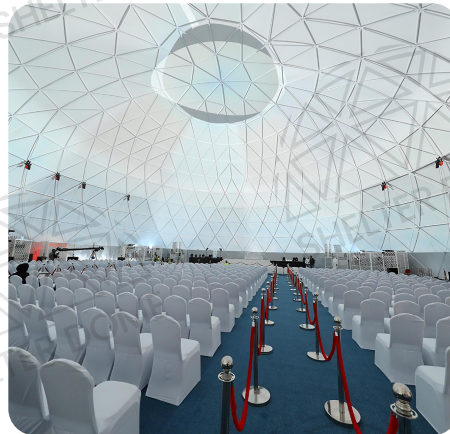


Creekside RNR

Location	Dundas Parish, New Brunswick, E4R 2Y3, Canada
Land condition	wetlands, and forests
Climate	humid continental climate with temperatures ranging from -15°C to 25°C (5°F to 77°F)
Campsite size	approx.22 acres
What Shelter Dome offers	5 sets of 8m accommodation domes, 3 sets of 4m leisure domes

PROJECT DISPLAY FOR EVENT

**Qatar 10/20/25/40m
Event Domes**



Port of Hamad Opening Ceremony

Event Dome Type	PVC dome with projection and connection function
Application	an official meeting organized by the government
Location	Hamad Port, Mesaieed, Qatar
Built duration	3 days
What Shelter Dome offers	Domes of 40m, 25m, 20m, and 10m diameters connected by pathways.

Spain 30m Showroom Dome



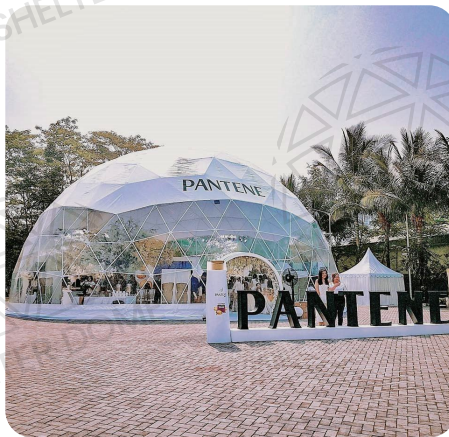
Vondom Furniture Showroom

Event Dome Type	glass dome
Application	company brand exhibition
Location	Beneixida, Valencia, Spain
Built duration	10 Days
What Shelter Dome offers	a 30m diameter dome draped in an all-black ensemble



PROJECT
DISPLAY
FOR EVENT

**Indonesia
18m Event Dome**



Pantene Product Launch	
Event Dome Type	PVC dome
Application	branded product launch
Location	Central Jakarta City, Jakarta, Indonesia
Built duration	1 day
What Shelter Dome offers	an 18m diameter dome with branded logo printing



Romania 25m Event Dome



Bellissimo Grande Hotel Event Room

Event Dome Type	PVC dome
Application	hotel event celebration and catering services
Location	Strada Veteranilor, Nr. 1, Buzau, Romania
Built duration	approximately one month
What Shelter Dome offers	a 25m diameter dome

SUBORDINATE BRANDS

Tailor-Made Solutions Make Space Valuable



Shelter Structures

Shelter Structures is dedicated to providing globally leading outdoor space solutions, mainly producing high-quality temporary and semi-permanent modular tent systems, widely used in various outdoor festivals, commercial events, sports venues, industrial storage, military, and disaster relief areas.





Glitzcamp

Glitzcamp specializing in outdoor tents and holiday homes manufacturing, mainly serving tourism real estate, RV camps, cultural and tourism towns, etc., capable of meeting personalized customization needs and providing efficient and beneficial tourism housing solutions.



Shelter Dome

Shelter Dome focused on offering high-quality outdoor living solutions, combining comfort, functionality, and eye-catching exterior design in one, exploring the luxury star tents of fashion trends. Its unique shape and strong adaptability have made it the go-to choice for exquisite camping, unique hotel development, and luxury camping.

THANK YOU FOR YOUR PATIENCE

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