



Premium composite cover solutions engineered for pool and machine room applications, combining strength, safety, and long-term durability.

2026



MACHINE ROOM COVER

CATALOG

About Our Product

Mimsan Pool & Machine Room Covers are engineered using premium composite plywood to deliver high strength, safety, and long-term durability. Designed for demanding technical environments, these covers provide excellent load-bearing performance and resistance to heavy use.

Their structure is fully resistant to water, moisture, and humidity, ensuring dimensional stability without swelling or deformation. Fire-retardant properties make them suitable for safety-critical installations.

The antibacterial and hygienic surface allows safe use in wet and high-traffic areas. UV-resistant material technology prevents fading or color change, preserving a clean and professional appearance over time.

Mimsan cover systems are developed for projects where reliability, performance, and long service life are essential.



- High Load Capacity
- Fire-Retardant Structure
- Water & Moisture Resistant
- Antibacterial Surface
- UV Resistant
- Maintenance-Free Design

Our Newest Product

Engineered For Strength

High-performance composite access covers built to withstand heavy loads, fire exposure, and long-term structural stress. Designed for demanding technical and industrial environments where durability is essential.

- Fire Resistant B2
- High Load Resistant
- 70+ Shore D Hardness
- Non-Deformable Structure
- Long-Lasting Performance
- Resistant to Concrete Moisture



Designed For Flexible Applications

Lightweight and fully customizable composite solutions that adapt seamlessly to different project requirements. Easy to process, install, and configure for fast and efficient implementation.

- Customizable Size
- Lightweight Structure
- Easy to Process
- Can Be Cut
- Can Be Glued



Refined For Modern Architecture

Minimalist composite access covers with hygienic, antibacterial surfaces. Ideal for architectural spaces where clean design, comfort, and environmental responsibility matter.

- Antibacterial Surface
- Smooth Surface Finish
- Waterproof
- UV Resistant
- Eco-Friendly & Recyclable
- Does Not Cause Insect Infestation



Engineered for Safety & Durability

Fire-Retardant Structure

Manufactured using flame-resistant composite plywood, designed to reduce fire spread and maintain structural integrity in high-risk technical areas. Suitable for installations where safety and compliance are critical.



Antibacterial & Hygienic Surface

The specially treated surface inhibits bacterial growth and supports hygienic use in wet and frequently accessed areas. Ideal for pool environments and machine rooms requiring clean and safe conditions.



High Load-Bearing Capacity

Engineered to withstand heavy static loads without deformation. Provides long-term durability and reliable performance in demanding applications such as technical rooms and service areas.



Technical Specifications of Composite PVC Panel

ACCESS PANEL TECHNICAL FEATURES

1 Water Drainage Holes in Four Corners

Located at each corner to ensure proper drainage of any water that may enter the cabinet.



2 Child Safety Lock

Prevents unauthorized access and ensures controlled



3 Push-Release Manual Opening Mechanism

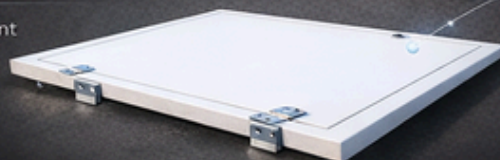
Pressing on the protruding tab allows for easily lifting panel manually.



Push → Tab Pops Out → Lift Up

4 Chrome Hinge System

Equipped with corrosion-resistant chrome hinges.



5 Waterproof Seal

Prevents water ingress when the panel is closed.



Technical Specifications of Composite PVC Panel

Main Parameters	Composite PVC Panel Values
Reference Thickness	18 mm
Thickness Tolerance	± 0.6 mm
Maximum Production Width	1250 mm
Maximum Production Length	5000 mm
Impact Strength	28.68 N/mm
Vicat Softening Temperature	70.9 °C
Water Absorption Rate	26%
Thickness Swelling	1%
Flexural Strength	23.6 MPa
Izod Impact Strength	3.3 kJ/m ²
Tensile Strength	15.2 MPa
Compressive Strength	9000 N
Surface Hardness	78.7 Shore D
Machinability	Similar to plywood / MDF

Our Advantages



HIGH-PERFORMANCE COMPOSITE ACCESS COVERS

Standard Sizes & Pricing



Standard Size (cm)	Weight (kg)	Price (USD)	Application Area
105 × 105	16 kg	\$183.00	Pool technical rooms
95 × 95	14 kg	\$178.00	Pool technical rooms
85 × 85	12 kg	\$170.00	Pool technical rooms
75 × 75	10 kg	\$162.00	Pool technical rooms
65 × 65	8 kg	\$157.00	Pool technical rooms

ENVIRONMENTALLY RESPONSIBLE COMPOSITE SOLUTIONS

LDesigned with sustainability in mind, Mimsan composite covers are manufactured using environmentally responsible materials and processes.

Lightweight construction reduces transportation impact, while long service life minimizes replacement and waste.

Fully recyclable components, maintenance-free structure, and resistance to water, fire, and chemicals contribute to a lower environmental footprint.

A durable solution that protects both infrastructure and the environment.



Our Newest Product

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PRODUCT CATALOG



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