

超強P 耐力板 SUPER TOUGH PC ENDURANCE PANEL

DURABLE / THERMAL AND SOUND INSULATION

抗老化 / 隔熱隔音



“Ever since we got into this building and construction material industry, we are thinking of plenty of solutions to provide first-class protection for houses, buildings, etc... What is the most worthwhile panel deserved to be bought? I am afraid that we already make it at this time, an Endurance PC Panel is the "Key",

Time Contractor

The Secret to 99% UV Filtration: Turn Sunlight into Gentle Care Mode
Applicable temperature: -40°C-120°C



Inferno-Proof Impact-Immune

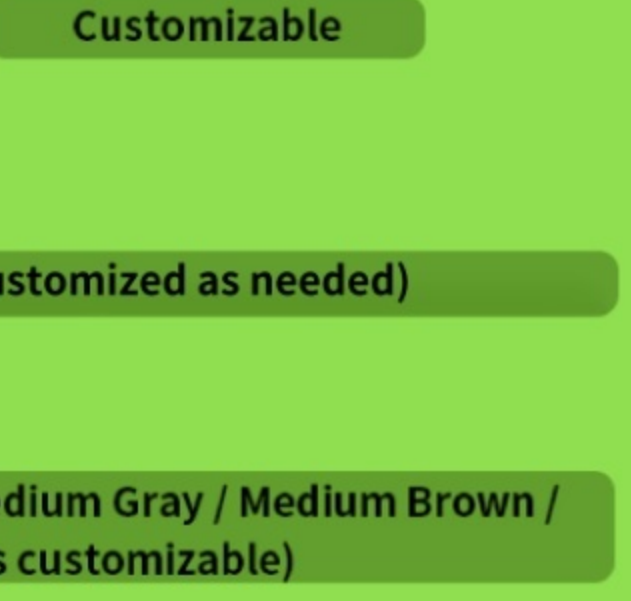
01. Highly Flame-Resistant

Flame-Defying PC Sheet:
Meets B1 Fireproof Standard – Stops Burning Instantly



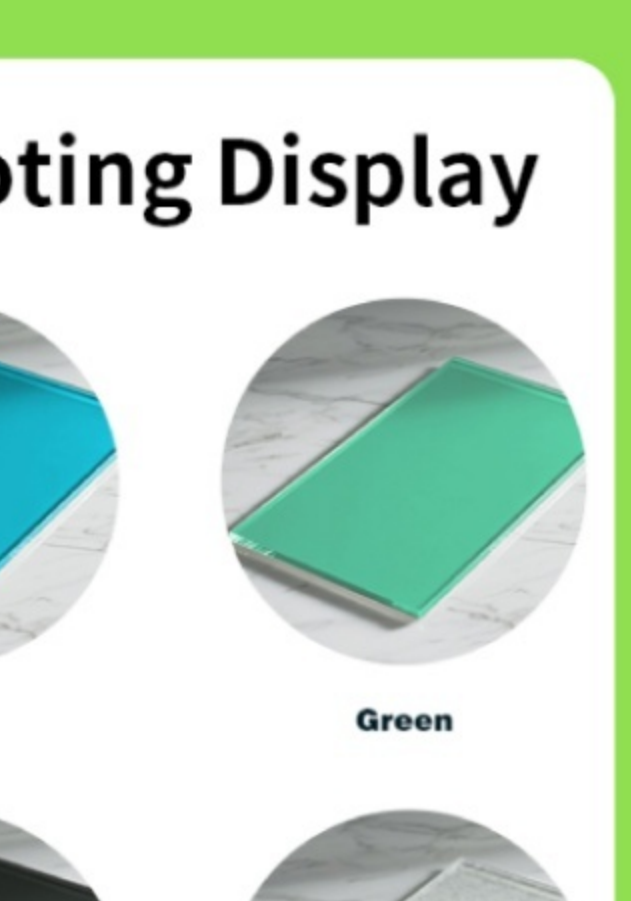
02. High Impact Resistance

12x More Impact-Resistant Than Tempered Glass



03. Superior Flexibility

90° Bend Without Cracking – Exceptional Toughness & Strength,
Heat-Resistant & Unbreakable
Even Under Extreme Temperatures



Product Specifications

Product Name Suggestions

Premium Endurance PC Panel

Product thickness

2.0mm/3.0mm...

Product width

1.22m (More sizes can be customized as needed)

Product color

Colors: Transparent / Light Gray / Medium Gray / Medium Brown / Light Blue (More colors customizable)

Material Specifications

Polycarbonate (PC) Resin

Product length

Customizable

Color Real Shooting Display



Tawny



Blue



Green



Milky White



Black



Transparent Color

Multiple colors available and sizes customizable

Polycarbonate Panel Installation Procedure

01 Prep & Cutting

Tools: Drill, self-tapping screws (with washers), neutral silicone sealant

Conditions: Install at 10-30°C, leave 0.5cm/m expansion gap

Cutting: Add 3% margin to measurements, cut with blade teeth upward



02 Frame Setup

Use aluminum/stainless steel beams (max 50cm spacing)

Ensure level framing + EPDM rubber strips at joints

03 Panel Fixing

3-5cm edge overhang for water drainage

Screws every 30-40cm (≥4cm from edges), avoid overtightening

Slope ≥10° for overlaps; use cladding strips for side joints absorption.



04 Sealing & Finish

Fill gaps with neutral silicone (≥6mm thick, concave shape)

Remove protective film after installation; clean with soft cloth + mild detergent

Critical Notes

⚠ Never step on panels, use acidic sealants, or expose to direct sun pre-installation

⚠ Adjust gaps for seasonal temperature shifts (cold climates)

— Case Showcase —

案例展示

About Materials

The sheet material may have scratches after cutting and loading. Please consider carefully if you require a high level of surface smoothness.

About Dimensions

All sheet materials may have minor variations in length, width, thickness, and cutting accuracy. If high dimensional precision is required, please consult our customer service to confirm feasibility before ordering, to avoid future issues.

Sunlight Room

阳光房

Carport / Canopy

车棚雨棚

Soundproof Partition

隔音隔断

Standardized Packaging Procedure for PC Sheets

Surface protection: Clean panels and apply PE protective film, with bubble wrap between layers

Packaging reinforcement: Place panels in wooden/cardboard boxes with edge guards and foam padding, sealed with tape/strapping bands

Labeling & storage: Mark with "Fragile" and "This Side Up" labels, store upright in dry areas and avoid heavy stacking.