

Medium Utility Kiosk

Dimensions: 1250 × 750 × 400 mm

Description: Tall, medium-capacity GRP enclosure for municipal, electrical, or communications use.

The T3 Medium Utility Kiosk combines a taller profile with a slim depth to deliver a versatile, space-saving enclosure for electrical and communications equipment. With dimensions of 1250 × 750 × 400 mm, it is specifically designed for locations where vertical capacity is required but horizontal space is limited.

Engineered for British Weather

Constructed from high-grade GRP (Glass Reinforced Plastic) reinforced with 300gsm Chopped Strand Mat and bonded with CrysticROOF resin, the T3 offers exceptional strength and durability. The exterior is finished in BS226 Green Crystic® GT-600 marine-grade gelcoat, delivering long-term UV resistance and complete weather protection against rain, frost, and salt-laden air.

Security for Critical Assets

To protect valuable internal equipment, the T3 is equipped with a Yale 77 Traditional Nightlatch featuring a 5-pin cylinder and deadlock capability, reinforced by a 3-inch stainless steel slide latch for secondary security. The stainless steel ZOO ZHSS232 hinges ensure smooth and durable operation, while Scapa 3259 foam tape seals the door against water, dust, and environmental ingress. Functional and Professional Interior

The T3's interior includes a 12mm CE-marked ALPHAPLY structural plywood panel, providing a solid mounting platform for control panels, termination boards, or other electrical equipment. The smooth plywood lining offers a professional finish and facilitates clean, safe, and compliant installations.



Specifications

- 300gsm Chopped Strand Mat – M705
- 450gsm Chopped Strand Mat – M705
- 3.6mm Chinese Eucalyptus Plywood
- 12mm Chinese Eucalyptus Plywood
- Polyester Gelcoat – SB 2161 Green (BS226)
- CrysticROOF Resin – GRP lamination matrix
- Scapa 3259 Black Single-Sided Foam Tape – 3mm
- Yale 77 Traditional Nightlatch
- Stainless Steel Slide Latch
- ZOO ZHSS232 Stainless Steel Hinges

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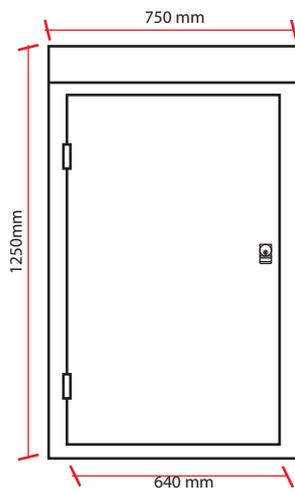
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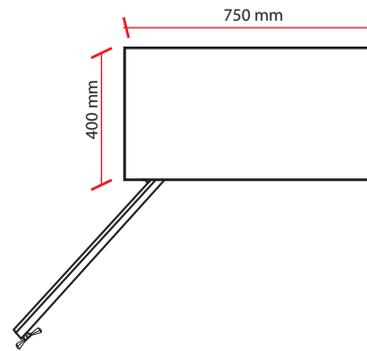
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Specifications

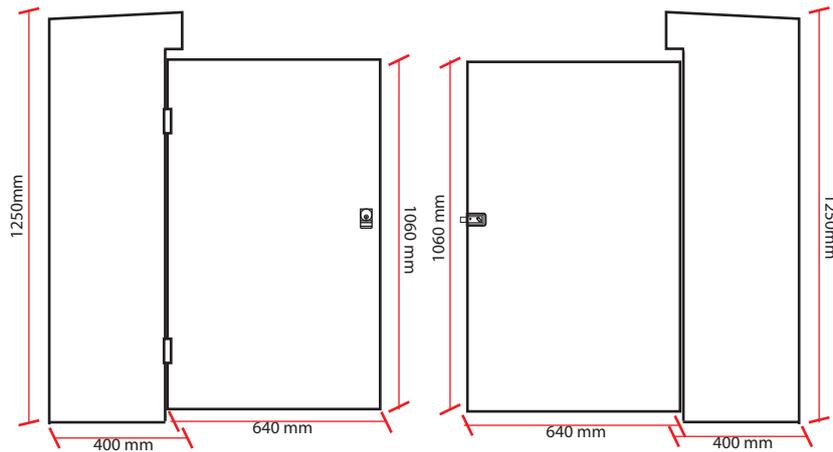
Front View



Top View



Side View



Specifications

3.6mm Chinese Eucalyptus Face Poplar Core External Grade Plywood

A lightweight plywood sheet featuring a eucalyptus face veneer and poplar core, designed for internal lining applications in GRP kiosks. It offers a smooth, paintable finish and is suitable for use in humid interior or covered exterior environments.

Specification:

- Size: 2440 × 1220 mm
- Thickness: 3.6 mm
- Weight: 6.6 kg
- Grade: B/BB
- Standard: CE4
- Class: BS-EN636 Class 2 (humid interior/covered exterior)
- Number of Layers: 3
- Finish: Smooth sanded veneer, light reddish colour
- Edging: Square
- Fire Rating: None
- Formaldehyde Level: E1 (low)
- Moisture Resistance: No
- Wood Species: Poplar core
- Country of Origin: China
- Environmental Certification: Legally sourced

Key Benefits:

- Lightweight and easy to handle
- Smooth paintable surface
- Certified for structural use in humid and covered environments
- Low formaldehyde emissions for improved indoor air quality
- Produced from legally sourced timber

Polyester Gelcoat – SB 2161 Green (BS226)

Crystic® Gelcoat GT-600 is a high-performance isophthalic polyester gelcoat pre-accelerated and formulated for brush application.

It delivers a durable BS226 green finish with excellent intrinsic water and weather resistance making it ideal for outdoor GRP kiosk use. Its viscosity ensures even coverage low drainage and minimal film porosity, maintaining both protection and aesthetics over time.

Specification:

- Type: Isophthalic polyester gelcoat
- Colour: BS226 Green
- Application Method: Brush
- Coverage: Even film with minimal porosity
- Industry Approvals: Lloyd's Register of Shipping
- Typical Use: Marine, building, transport, and general GRP moulding
- Packaging: 1 kg, 3 kg, 5 kg, 20 kg
- Storage: Under 25°C, airtight, out of sunlight
- Shelf Life: 5 months from production

Key Benefits:

- Excellent water and weather resistance for long-term outdoor use
- High-quality decorative finish in BS226 green
- Approved for marine-grade applications
- Easy application with controlled viscosity
- Custom colour matching available via GelTint technology

Specifications

CrysticROOF Resin

CrysticROOF Resin is a low styrene emission, pre-accelerated orthophthalic polyester resin designed for hand lamination with chopped strand mat in GRP construction. It offers rapid wet-out, strong mechanical performance, and reliable curing making it an ideal bonding matrix for kiosk fibreglass structures.

Specification:

- Resin Type: Orthophthalic polyester
- Appearance: Greenish blue
- Viscosity at 25°C: Thixotropic
- Specific Gravity: 1.12
- Volatile Content: 43%
- Catalyst: Catalyst M (Butanox M50) – 1% standard addition
- Pot Life at 25°C: 17 minutes
- Storage Stability: 5 months at 20°C in sealed containers
- Packaging: 20 kg and 225 kg containers

Mechanical Properties – Fully Cured (Unfilled Casting):

- Barcol Hardness: 42
- Deflection Temperature (1.80 MPa): 67°C
- Water Absorption (24h, 23°C): 15 mg
- Tensile Strength: 50 MPa
- Tensile Modulus: 3800 MPa
- Elongation at Break: 1.5%

Mechanical Properties – 450g/m² CSM Laminate:

- Tensile Strength: 98 MPa
- Tensile Modulus: 7600 MPa
- Flexural Strength: 190 MPa
- Flexural Modulus: 7400 MPa
- Elongation at Break: 1.7%

- **Key Benefits:**
- Low styrene emission for improved workplace safety
- Fast wet-out and strong adhesion with glass fibre reinforcement
- Reliable cure even at cooler ambient temperatures with adjusted catalyst levels
- Excellent mechanical strength in laminates
- Suitable for outdoor, structural kiosk applications

Specifications

Scapa 3259 Black Single-Sided Foam Tape – 3mm

Scapa 3259 is a medium hardness, closed-cell foam compression sealant with an acrylic pressure-sensitive adhesive on one side and a paper release liner on the other. Designed for sealing, cushioning, and gap filling, it provides effective water, air, and dust protection when compressed making it ideal for use on GRP kiosk doors and access panels.

Specification:

- Type: Closed-cell foam compression sealant
- Colour: Black
- Thickness: 3 mm
- Adhesive: High-quality acrylic pressure-sensitive (one side)
- Liner: White paper release liner (non-adhesive side)
- Service Temperature: -30°C to +70°C
- Application Temperature: +10°C to +40°C
- Compression Requirement: Minimum 30% for water seal
- Shelf Life: 1 year from dispatch

Key Benefits:

- Provides water, air, and dust sealing when compressed
- Medium hardness foam with properties similar to Neoprene
- Excellent resistance to abrasion, corrosion, UV light, dilute acids, and alkalis
- Clean edge finish for neat application
- Suitable for both indoor and outdoor environments
- Reduces rattling and vibration, improving insulation performance

ZOO ZHSS232 Stainless Steel Door Hinge

The ZOO ZHSS232 is a premium stainless steel hinge designed for long-lasting performance in GRP kiosk applications. Made from Grade 201 stainless steel, it offers corrosion resistance and smooth door operation. Available in a wide range of finishes to complement different kiosk designs.

Specification:

- Dimensions: 76 × 50 × 2 mm
- Material: Grade 201 stainless steel
- Corner Type: Square
- Available Finishes:
 - Satin Stainless (ZHSS232S)
 - Polished Stainless (ZHSS232P)
 - Matt Black (ZHSS232-MB)
 - Powder Coat White (ZHSS232-PCW)
 - PVD Satin Brass (ZHSS232-PVDSB)
 - PVD Polished Brass (ZHSS232PVD)
 - PVD Bronze (ZHSS232-PVDBZ)
 - Tuscan Rose Gold (ZHSS232-TRG)
 - Favo Satin Brass (ZHSS232-FSB)
 - Etna Bronze (ZHSS232-ETB)

Key Benefits:

- Corrosion-resistant Grade 201 stainless steel construction
- Smooth hinge operation for easy door use
- Multiple finishes for aesthetic flexibility
- Strong and durable for long-term service
- Designed to fit GRP kiosk doors securely and reliably

Specifications

300gsm Chopped Strand Mat – M705

A medium fibre, multi-chop length mat bonded with an emulsion binder for hand lay-up GRP applications. Designed for optimal conformability and resin compatibility, it ensures strong, uniform lamination in GRP kiosk manufacturing. The Advantex® glass composition offers enhanced corrosion resistance and improved long-term durability compared to standard E-glass.

Specification:

- Nominal Weight: 300 g/m²
- Binder Type: Emulsion
- Glass Type: Advantex® glass
- Compatible Resins: Unsaturated polyester
- Roll Widths Available: 95 cm, 104 cm, 125 cm
- Certifications: Lloyd's Register of Shipping, Det Norske Veritas
- Storage: 10–35°C, RH 35–85%, in original packaging
- Shelf Life: No known expiry; retest after 3 years for optimum performance

Key Benefits:

- Quick wetting and rapid air release, improving production efficiency
- Slower impregnation rate reduces resin use, increasing glass content and strength
- High conformability, suitable for complex mould shapes
- Certified for marine and industrial-grade use
- Superior corrosion resistance, extending kiosk life span

12mm Chinese Eucalyptus Face Poplar Core External Grade Plywood

A heavy-duty plywood sheet with a eucalyptus face veneer and poplar core, designed for flooring and structural applications in GRP kiosks. It offers a smooth, paintable finish and is certified for use in humid interiors or covered exterior environments.

Specification:

- Size: 2440 × 1220 mm
- Thickness: 12 mm
- Weight: 19.69 kg
- Grade: B/BB
- Standard: CE2+
- Class: BS-EN636 Class 2 (humid interior/covered exterior)
- Number of Layers: 7
- Finish: Smooth sanded veneer, light reddish colour
- Edging: Square
- Fire Rating: None
- Formaldehyde Level: E1 (low)
- Moisture Resistance: No
- Wood Species: Poplar core
- Country of Origin: China
- Environmental Certification: Legally sourced

Key Benefits:

- Strong and durable for load-bearing applications
- Certified for structural use in humid and covered environments
- Smooth, paintable surface for easy finishing
- Low formaldehyde emissions for improved indoor air quality
- Produced from legally sourced timber

Specifications

450gsm Chopped Strand Mat – M705

A high-weight fibreglass mat made from Advantex® glass fibres, chopped to multiple lengths and bonded with an emulsion binder. Designed for structural reinforcement, it offers superior handling properties, excellent corrosion resistance, and the strength required for large or load-bearing GRP kiosk panels.

Specification:

- Nominal Weight: 450 g/m²
- Binder Type: Emulsion
- Glass Type: Advantex® glass
- Compatible Resins: Unsaturated polyester
- Roll Widths: 95 cm, 104 cm, 125 cm
- Certifications: Lloyd's Register of Shipping, Det Norske Veritas
- Storage: 10–35°C, RH 35–85%, in original packaging
- Shelf Life: No fixed expiry; retest after 3 years for optimum performance

Key Benefits:

- Increased structural strength for heavy-duty GRP applications
- Slower impregnation rate reduces resin use and increases glass content
- High conformability for moulding complex kiosk designs
- Superior corrosion resistance, extending service life
- Certified for marine and industrial-grade installations
- Consistent quality and performance under varying conditions

Specifications

3-Inch Stainless Steel Door Slide Latch Lock

A compact stainless steel barrel bolt latch designed for lightweight doors, service panels or internal compartments within GRP kiosks. Corrosion-resistant and easy to fit it provides an additional layer of security for non-primary access points.

Specification:

Material: Stainless steel, polished finish
Dimensions: 75 mm (L) × 35 mm (W) × 11 mm (H)
Mounting Hole Diameter: 3.5 mm
Installation: Vertical or horizontal mounting, suitable for left or right-hand operation
Package: 1 latch (mounting screws not included)

Key Benefits:

- Rust-resistant and weatherproof for long-term performance
- Flexible installation options for varied door orientations
- Smooth sliding action with secure notch lock in vertical use
- Compact and discreet for secondary security applications
- Easy maintenance and replacement

Yale 77 Traditional Nightlatch

The Yale No. 77 Traditional Nightlatch is a reliable and secure locking system for GRP kiosk doors. The latchbolt can be withdrawn from the inside using a knob or from the outside using a key. It features a slide button for deadlocking or holding back the bolt from the inside it can also be easily reversed on-site for outward-opening doors.

Specification:

- Mechanism: 5-pin cylinder
- Cylinder Finish: Polished brass or satin chrome
- Case Finish: Green
- Keys Supplied: 2 per lock
- Door Thickness Range: 32 mm – 57 mm
- Guarantee: 2 years
- Keying Options:
 - Individually keyed (standard) – each lock has its own keys
 - Keyed alike – all locks use the same key

Key Benefits:

- Provides reliable security for kiosk access points
- Deadlock function for added protection
- Reversible latchbolt for flexible door installation
- Durable materials suitable for long-term use
- Supplied with two keys as standard