

COMPOSITION - GRP/18mm Ply/GRP composite construction in walls with 12mm in the roof panel.

FIRE RESISTANCE - Standard wall construction has been designed and tested to BS476 Part 22 and exceeded a half-hour fire rating (retention of stability, integrity and insulation). Fire retardant resin is used internally to provide self-extinguishing laminates to BS476 Part 7 Class 2 (Surface spread of flame). Note BS476 Part 22 has superseded Part 8.

WALL CONSTRUCTION - U-VALUE OF 1.5 Composite construction to give a U-Value of 1.5 W/m².°C.

ROOF CONSTRUCTION - Composite construction to give a U-Value of 2.2 W/m².°C. - The roof is manufactured in sections and each joint is fitted with an external capping strip.

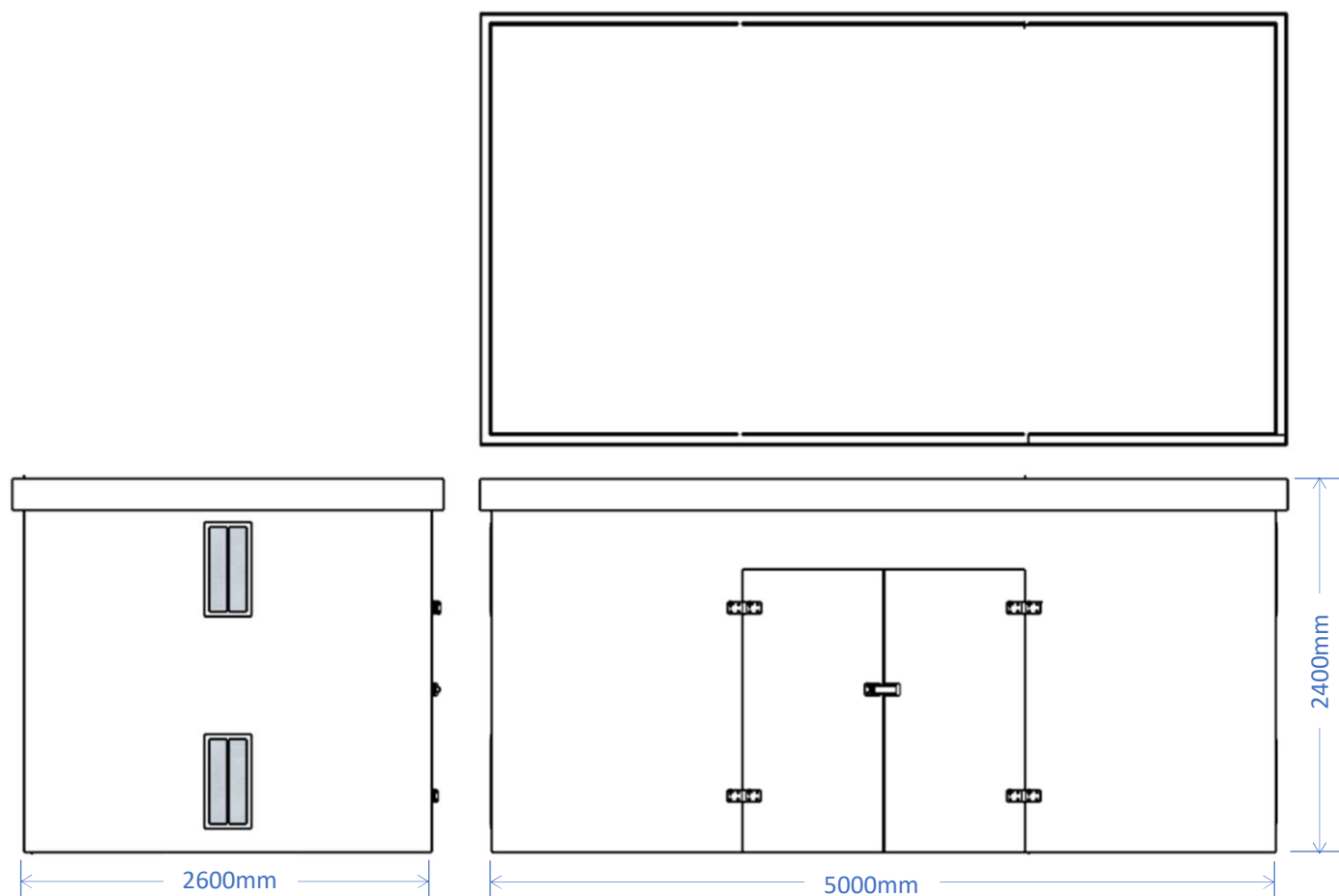
EXPLOSION RELIEF ROOF - Explosion Relieving, Restrained Roof to allow dissipation of an gas explosion. The roof is fitted with brackets and restraining rods to allow the roof to lift in the event of an arc explosion. After the blast has dissipated the roof will return to its former position.

DOOR DETAIL - High security with encapsulated steel reinforcement complete with heavy duty stainless steel hinges and 3 Point locking (PADLOCKABLE) Set of double doors along long length, 2000mm wide, 2000mm high. Stainless steel door stays, Stainless steel spring tower bolt.

VENTILATION DETAILS - Qty 4 of - 600 x 300mm - Low profile, Minimum 3% of floor area

FINNISH - External - Applied texture = 14C 39 Empire Green, Internal - White GRP

Note- Set of removable lifting eyes provided with kiosk.



Gas Kiosk for Peaking Plants

Client - Stor Power

MP Kiosk – Size 5000mm x 2600mm

Date 09/01/2023



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