morgan marine ltd

CASE STUDY
WATER PROJECTS: 2025

Secure and efficient infrastructure for Dŵr Cymru at Leominster Tertiary TW.

SUMMARY

Dŵr Cymru Welsh Water's Leominster project focused on upgrading existing assets to improve effluent treatment quality. As part of this initiative, two purpose-built structures were installed to house critical equipment, ensuring operational efficiency and long-term resilience. The project involved the delivery of two pre-built kiosks: Building 1 (8.66m x 3.3m x 2.7m) and Building 2 (12m x 3.0m x 3.0m), which were transported directly to the site for seamless installation.

LOCATION: ..... Leominster Tertiary TW, Herefordshire

PRODUCT USED: .....1. Standard GRP – Semi-gloss finish
2. LPCB SR3 (C5) GRP – Semi-gloss finish

KIOSK SIZE: .....1. 8.66m x 3.3m x 2.7m high (Concrete Base)
2. 12m x 3.0m x 3.0m high (Steel Structure)

DATE: 2023

SCAN THE QR CODE

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This delivery approach minimised on-site disruption, reduced environmental impact, and ensured a quicker, safer, and more cost-effective installation process.

Building 1: designed with a concrete base, was constructed using standard GRP with a semi-gloss finish. Internally, it was fully ply-boarded to facilitate equipment mounting and featured internal partitioning, dividing the space into two functional sections. This unit was fitted with domestic electrics, including indoor and outdoor lighting, heating, 3-pin sockets, and a 14-way distribution board with surge protection, all conforming to Dŵr Cymru Welsh Water's specifications.

Building 2: constructed with a steel base, featured an LPCB SR3 (C5) GRP semi-gloss finish and was elevated off the ground for flood defence. Designed to house essential ventilation and control systems, it was equipped with extraction fans, thermostats, and spur units to maintain stable internal conditions.

By integrating secure and efficient GRP kiosks tailored to site-specific needs, the Leominster project successfully enhanced water treatment capabilities while maintaining high-security standards and operational reliability.