

## EPOXY COATED STEEL TANKS



Left: 5no. Tanks Erected on Site  
Right: Tank No.1 nearing completion.

### General Project Information:

- **Product:** Epoxy Coated Steel Tanks with Trough Deck Roof
- **Location:** Dublin
- **Date:** Q1 2022
- **Industry:** Confidential Data Centre

### Product Information:

CubicM3 are proud partner of Balmoral Tanks and offer Balmoral's full range of GRP and Cylindrical steel tank products into the Irish Market. Balmoral Tanks is acknowledged as the industry's leading manufacturer of fusion bonded epoxy coated steel tanks. Products ranging in capacity from 5-35,000m<sup>3</sup> are provided in a range of diameters and heights.

Operating from a purpose built state of the art manufacturing plant, the company utilises both CNC punch and laser cutting equipment in its semi-automated production line.

All raw materials are quality checked on arrival before moving into the production phase. Black steel panels are lasered or punched, depending on their thickness, prior to being shot-blasted to SA2.5/SSPC10 near white finish. After shot-blasting the sheets are automatically transferred to the paint line via vertical rollers if necessary. At point of transfer the panels are automatically weighed as a final quality check on material thickness before being coated.

Following the coating process, the panels undergo three separate quality checks to confirm the external panel colour, internal coating thickness (micrometer) and internal coating integrity (high voltage holiday test). Balmoral operates a zero defect policy with every defective panel being rejected.

Once the final inspection has taken place the finished sheets are packed onto heat treated pallets or crates for transportation.

During panel production, tank components, including nuts, bolts, washers, sealants, etc, are packaged according to the bill of material, whilst fabricated items are procured, produced, quality checked and palletised for transport.