

## Hybrid Cover Specifications

Corporate Engineering's standard GRP covers can be modified to incorporate fabric covers. Fabric covers have been developed to meet the needs of operations personnel where large areas of a cover need to be opened for inspection and to give the operators a clear view of the process.



**The operation of the fabric section is designed to be a one-person procedure and to require minimal effort. With only 3 moving parts, maintenance is kept to a minimum.**

**When closed, the fabric is tensioned to prevent ponding and ice formation.**



**Sealant:** Closed cell neoprene foam strips

**Resin and gel coat:** Selected chemically resistant grades to BS3532:1990\*\*

**Glass reinforcement:** Chopped strand mat and woven glass to BS3496:1989 & BS3749:1991

**Manufacture:** Manufactured in temperature-controlled conditions.

Where appropriate they conform to the requirements of BS4549-1:1997

Personnel access areas treated with non-slip for safety.

Extremely environmentally and chemically robust, and finished with chemical-resistant, water-resistant, and temperature resistant resins.

Cover design has been verified using standard structural calculations and proved using FEA.

Generic calculations are provided, project specific calculations are available at an extra cost.

General Arrangement drawings are provided in AutoCAD 2D format. 3D versions also available.

Operation and maintenance manual provided for all covers.

## Cover Accessories

- Access Manways – Hinged and lockable c/w removable stainless-steel safety grilles
- Mixer, pump and aerator hatches
- Flanged upstands for odour extraction or instrument mounts
- Fresh air inlets – fitted with bird or insect mesh
- Flat areas c/w slip deterrent surface and GMS or GRP handrailing