

AWE ENVIRONMENTAL SYSTEMS PTE LTD

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ISO 9001 : 2000 Cert.No. : 2229



***AWE ENVIRONMENTAL SYSTEMS PTE LTD
(FRP Covers)***



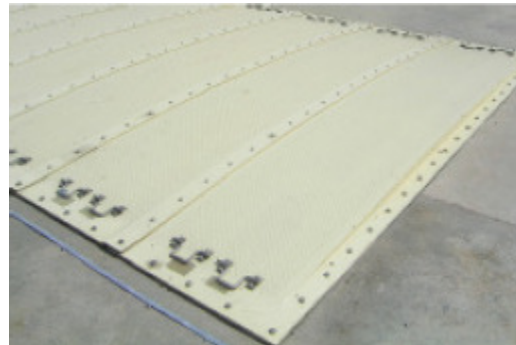
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INTRODUCTION TO FIBERGLASS COVERS

AWE fiberglass covers are manufactured in different shapes and sizes to meet different client requirements.

AWE has extensive experience in the manufacture of fiberglass covers for sewage plants, wafer-fab plants, chemical plants and power stations.

DESIGN CHARACTERISTICS

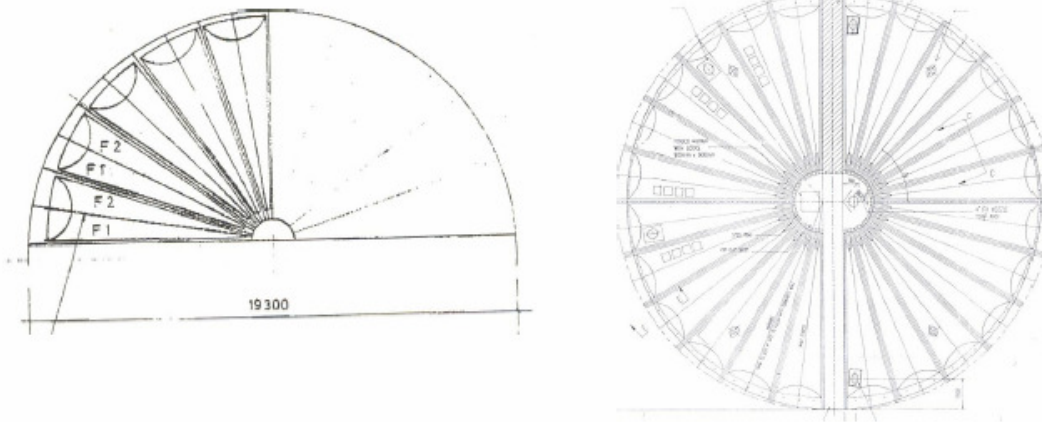


- 1) All FRP covers are manufactured in accordance with Manufacturer's standard PS15-69 with ISO 9001 quality system in place.
- 2) All FRP covers are manufactured with suitable resin that meets the environment requirements. Fire retardant, if required can also be requested.
- 3) All external coating of FRP covers are covered with rich coat resin with UV resistance to provide a smooth and lasting finishing.
- 4) All FRP covers are manufactured by moulding, thus providing the choice in size and shape. Relevant sizes will be advised based on site conditions to best fit the requirement as well as to take into consideration of costs.
- 5) All FRP covers are designed to withstand a live load of 300kg/m², 50kg soft body impact from a drop height 2m and 1kg hard body impact from a drop height of 1m. Deflection will not exceed 1/150 of the unsupported span. Other tests are also available upon request.
- 6) FRP covers can also be designed to have lifting handles for easy handling and maintenance.
- 7) All FRP covers are designed with hatched viewing windows (depending on site conditions) to allow for regular checks.

TYPES OF COVERS

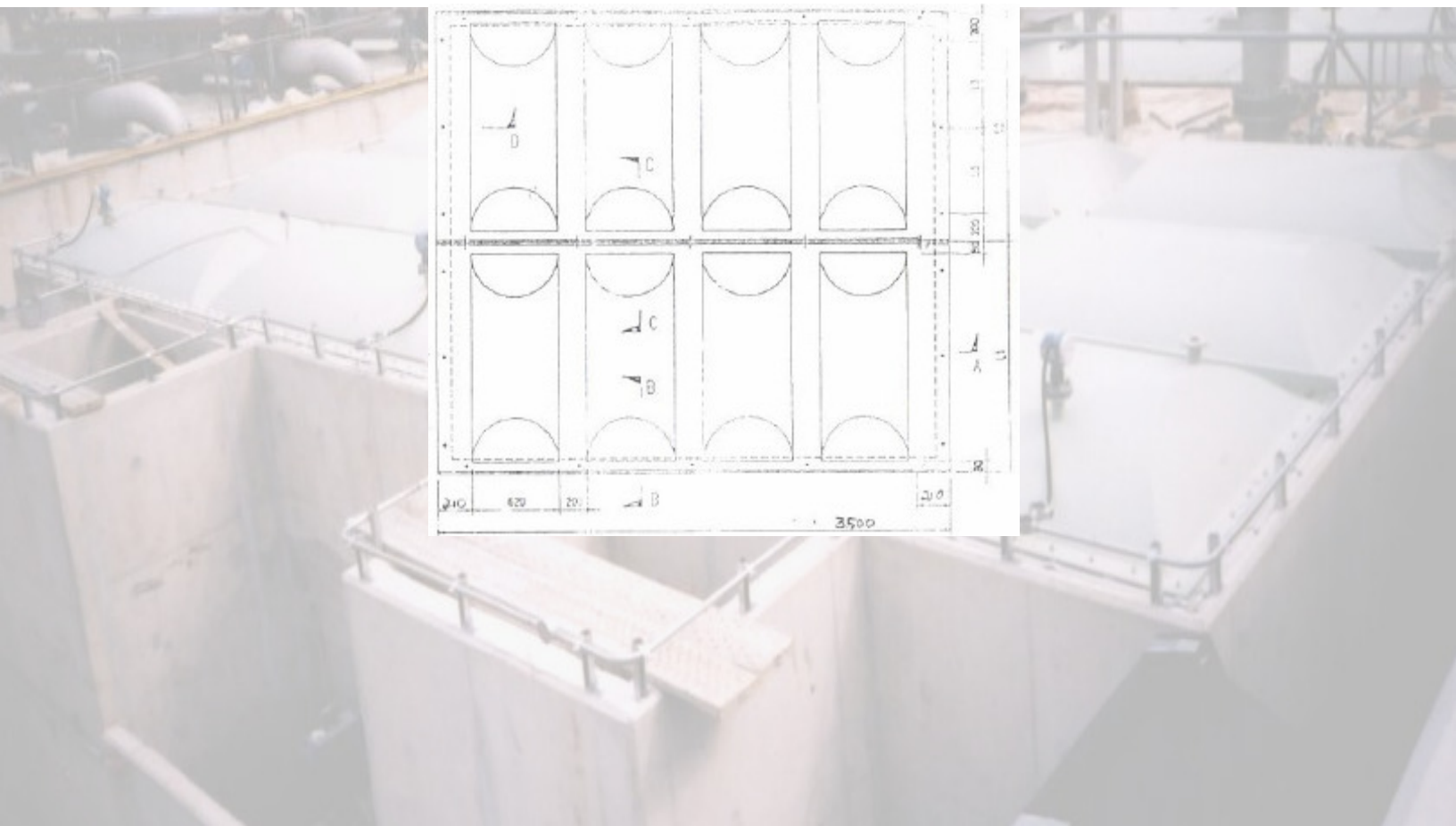
A) ROUND TANK COVERS

Dome covers are normally used for large round tanks and generally for covering of tanks exposed to the environment. Diameter of such tanks can range from 8m to 26m.



B) RECTANGULAR TANK COVERS

Barrel vaulted covers are normally used for rectangular tanks and generally for covering of tanks exposed to the environment where the width of the tank is not long. Tank width can range from 2m-10m



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C) COVERS FOR FLAT GROUND

Chequered covers (flat covers) are normally used for covering of tanks where the covers are mounted on ground level or above sumps. Such tanks are generally not wide but may be long.

