

EXEL TANK COVER SYSTEM

With 50 years of experience in composites and industrial markets, Exel Composites provides solutions to the most demanding applications in the water treatment industry.

Engineered and manufactured from high strength pultruded structural profiles, the EXEL cover system has many advantages over conventional materials:

- Corrosion and UV resistant resin systems
- High strength profiles, custom designed to suit individual load rating requirements
- Patented sealing system
- Leakage rate tested to 29.3m³/h/m at -1kPa
- Interlocking panel design for ease of installation and removal
- Design compatible with different tank / channel sizes
- Fully trafficable, non-slip surface
- Integral sloped surface to allow water run-off
- Clear span capability of up to 6m
- In-built hatches, duct points and viewing ports fabricated to order
- Elegant, low profile appearance



High strength composite profiles

Patented sealing system



The EXEL cover system can be custom designed to provide solutions for all tank sizes and load ratings from light duty to fully trafficable. Superior durability and extended life coupled with low operating and maintenance expenses results in reduced whole of life costs.

LOAD/SPAN TABLE

Span	Uniform Live Load L/D=180	ConcetratedLine Load L/D=180
3m	7.75KPa	7462N (760kg)
4m	3.1KPa	4043N (410Kg)
5m	1.5KPa	2430N (247Kg)
6m	0.75KPa	1520N (155Kg)

Safety factor 2.5

Installation notes:

- Light weight system eliminates the need for costly heavy duty lifting equipment
- Quick and easy assembly and location of panels to composite frame
- Male – female configuration allows for easy removal of adjacent panels
- Integral shelf at both ends of the covers facilitates easy lifting
- Stackable covers reduces laydown area required
- Elegant, low profile appearance



Other applications where Exel solutions are used:

- Handrails and ladders
- Grating, stair treads and other flooring
- Penstops
- Bottom scrapers
- Settler bridge structures and other access platforms
- Cable managements system
- Telescopic toolhandles for sampling and testing

