

## High Strength Composite Manhole Covers

Amlite all new 900mm Composite Cover AC0900D400. All new design has produced a lightweight high strength watertight cover exceeding 400kn load.



- Lightweight high strength cover load tested to 400kn in accordance with EN124 2015 standard
- Fully water tested with easy to replace watertight seal
- All new rib design to increase strength while reducing overall cover weight
- Unique Amlite high performance anti slip surface design

Amlite's all new 900mm Circular D400 Cover has been designed, manufactured and tested with key performance requirements as the highest priorities. Designed to withstand harsh environments but remain a user friendly product is the result of exhaustive testing and evaluation. Here are some of the testing and design standards used to create this durable, safe, quality composite cover...

### ...performance under constant traffic load



The covers are load tested in accordance with the new EN124 2015 directive to exceed a 400kn (40t) load rating far in excess of any load it will see in normal traffic conditions.

### ...strength to weight ratio



The clear advantage of composites over steel is the lighter weight, allowing users less effort to open and close such large manhole covers. Amlite's performance is further enhanced by its unique underside rib design which helps keep the cover as light as possible whilst still maintaining a high load rating. Dual lift points further enhance the ease of field use plus optional assisted lifters are also available if required.

### ...watertightness

As a result of focussed research and development, the Amlite AC0900D400 cover is supplied with a fully tested EPDM water seal.



This sealing system has been designed not only to perform from the point of installation but also simple to replace, when required.

The seal clamp is mechanical and requires no additional

sealants or specialist equipment so all seal maintenance can be performed onsite with the minimum of equipment.

The AC0900D400 is just one of many innovative products from Amlite. Please visit our website [www.amliteltd.com](http://www.amliteltd.com) for more details.