



# AX-S™ Composite



AX-S™ Composite covers offer a lightweight cover with no reduction in loading performance. A wide range of sizes can be manufactured utilising multi-cover frames and there are options for bespoke customer badging.

Covers can also be fitted with locking features to enhance the security of the assets below.

AX-S™ Composite covers are tested to meet the loading requirements of A15, B125 and C250 under EN124.



## Features and Benefits

- **Lightweight covers**  
Composite access covers weigh less than 30kg, allowing the covers to be easily removed.
- **No inherent scrap value**  
Covers are not attractive to thieves. Stolen covers mean costs of replacement and of guarding open access chambers.
- **Can be fitted with locking**  
AX-S™ Composite access covers are fitted with bolt-down locking which can be specified to the end user's requirements. This prevents access to the infrastructure network below.
- **Long life**  
Composite access covers have long service life when installed, providing lower total life costs for the end user.
- **Anti-slip design**  
The tread pattern on the cover is non-slip, exceeding a Slip Resistance Value (SRV) of 80.
- **Permeable to radio waves**  
Composite access covers do not block radio waves, allowing telemetry readings to be taken without removing the access cover.

- **Badged with customer information**  
Covers can be badged with information to allow for identification by operatives.
- **Bespoke sizes**  
Can be manufactured in a large size range, using cross-beams and cross-pieces to build multi-cover units.

## Load Rating

### Vertical Loading

AX-S™ Composite covers meet the vertical load classes of A15, B125 and C250 set by EN124.

**A15:** Suitable for: pedestrians only areas

**B125:** Suitable for: footways, pedestrian areas and comparable areas, car parks or parking decks.

**C250:** Suitable for: kerbside channels

### Materials

The frames, covers and cross pieces are manufactured from rolled steel section in compliance with BS1449 and galvanised in compliance with BS EN ISO 1461 .

Covers are manufactured from Glass Reinforced Polyester Resin (GRP).

'A' rated covers are manufactured from BMC (Bulk Moulding Compound). 'B' and 'C' rated covers are manufactured from SMC (Sheet Moulding Compound).

### Options & Access

Bespoke customer details can be included in the badge for identification and awareness. This is subject to volume.



### *Frame Designs*

Composite access covers can be supplied with a number of frame options, including:

- Raising
- BLOKadjust
- High Top

- Composite



## ***Frame designs***

Concrete Infill access covers can be supplied with a number of frame options, including:

- Standard frames
- Raising frame
- BLOKadjust



## ***Security***

Access covers can be fitted with bolt-down locking. Standard keys are available in flat head, penta head, offset circle and snake eye.

## **Available Sizes**

### Information on sizing

Access chambers are always referred to by their 'clear opening' (internal dimensions).

Access covers are always referred to by their clear opening and sometimes by their frame depth or type.

The access cover clear opening should be greater or equal to the clear opening of the access chamber to ensure it will be supported when installed.

Download our [product size guide](#) for more information on available sizes.