



## Access Covers

### Composite Extra Deep 12.5 tonne



### Applications:

#### Traffic Signals, Street Lighting, Motorways, EV Infrastructure

The NAL standard composite cover range is produced from lightweight yet very strong glass re-enforced Polyester Resin. They are all supplied with our unique non slip tread pattern to the surface side, which exceeds a slip Resistance Value (SRV) of 80. Covers are available in 12.5 tonne (B125) vertical load capacities. Each composite cover weighs less than 25kgs so poses no problems for manual handling. This is an ideal cover which provides long life with low maintenance costs.

NAL standard composite covers are secured in position by an extra deep galvanised steel raising frame. These maintain the clear opening size required and provide height and tilt adjustment at surface level. All extra deep frames have a minimum of 70mm up-stand to eliminate the need for mortar surround in paved areas. These frames give superior stability to all installations as they enable greater depth of surrounding material. Frames are manufactured from 5mm steel and hot dip galvanised to EN1461.

### Advantages

- ◇ Extra depth gives frame greater stability
- ◇ Available in 12.5 tonne vertical loading
- ◇ Lightweight for solo lift
- ◇ No mortar surround required in paviour areas
- ◇ Excellent slip resistance
- ◇ Maintenance free
- ◇ Frames can be secured internally
- ◇ No inherent scrap value



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## Composite Cover Specification

All composite covers must meet the vertical load classes of B125 and C250 set by EN124.

All composite covers and frames must have a minimum 12.5 tonne (B125) vertical load rating.

All composite covers must have a minimum Slip Resistance Value (SRV) of 80.

All composite covers must be supplied with 4no centrally positioned keyholes to accept standard lifting keys.

Frames containing multiple covers will be fitted with removable crosspiece so as to provide a minimum overlapping flange width level with the frame seating flange of 30mm minimum beneath each unsupported cover seat. The maximum weight of any crosspiece shall not exceed 19kg.

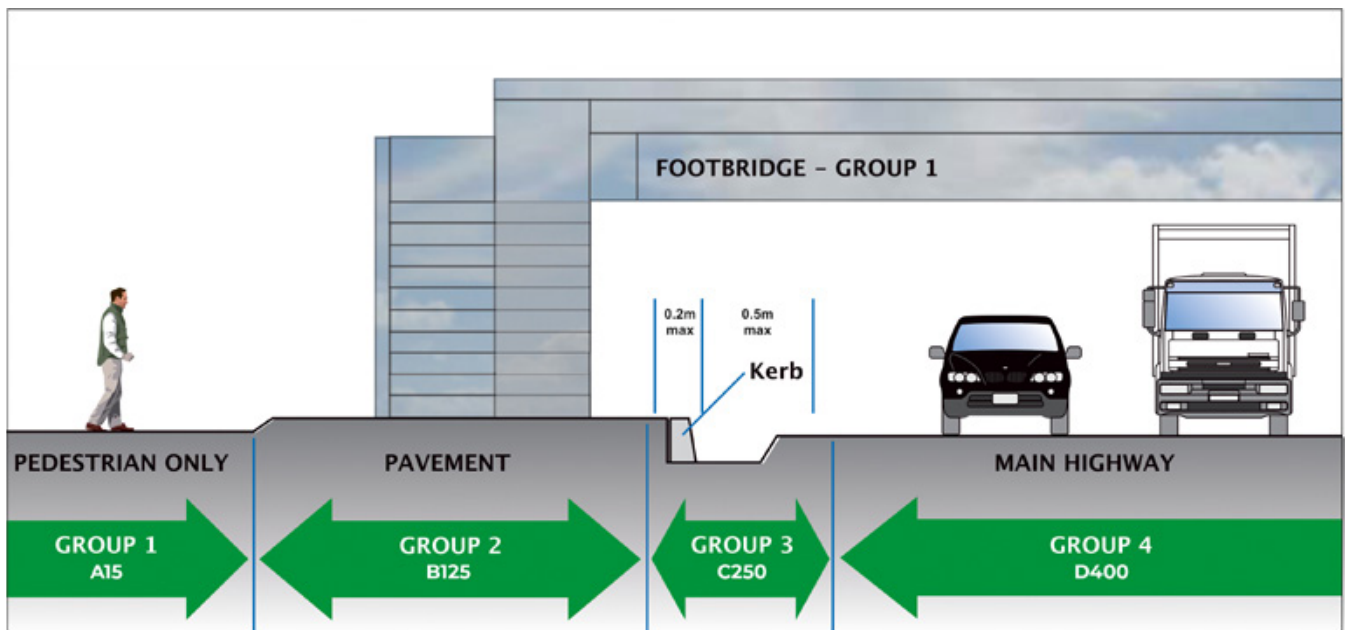
Each composite cover within a multiple frame is interchangeable with any other within that frame.

All galvanised steel frames must have a minimum 25mm upstand.

All galvanised steel frames are to be manufactured from steel with a minimum wall thickness of 5mm and hot dip galvanised to EN146.

All composite covers and galvanised steel frames are to be provided to the above specification by NAL.

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### Standard Composite Cover Sizes

Length x width (mm)	Covers per set	Length x width (mm)	Covers per set
300 x 300	1	900 x 450	2
450 x 300	1	900 x 600	2
450 x 450	1	900 x 900	4
600 x 450	1	1200 x 600	2
600 x 300	1	1200 x 900	4
600 x 600	2	1200 x 1200	4



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