



Awning with Variovalance



### BONDED SEAMS

Each fabric panel is bonded at joins and edge using the latest bonding technology to provide a smooth flat join that leaves no light holes for sun or water to penetrate.

The bonded seams provide the perfect finish to enable a flat join to reduce wrinkles and puckering in the fabric.



Traditional Sewn Fabric Seams



Helioscreen's Bonded Seams

### THE CASSETTE

Sleek cassette design with aluminium end caps for colour matching in your selected Dulux powder coat colour. Cassette also has internal bulb seal (like car door) along top to provide the perfect closure every time and keep out dirt, dust and salt.



## Helioshade® External Awnings

### LOCATION OF OPTIONAL EXTENDABLE VARIOVALANCE

The optional **Variovalance** is designed to complement the overall appearance of the awning and can be dropped up to 1.6m offering privacy and additional protection from the sun's glare.

### ARM

Tested and proven to well over 70,000 full cycles the Multiflex 4 cable arm system is the strongest of it's kind on the market. With daily use this is more than a 200 year lifespan.



### ELBOW

4 cable arm connection with PVC coated cables for extended life and the highest strength arm possible. (No rusty rough edges like the old chain connection arms and no replacement parts needed as with gas strut arms).

### LOCATION OF HEADBOX SEAL

### ARM HOLDER

Extruded arm holder for precision adjustment and strength that is integrated into the cassette allowing installation angle from 5-40 degrees. Drop forged arm connection fork for the highest strength possible on one of the biggest load points in the awning.



awningrepublic.com.au




helioscreen®



# The Beaufort Wind Scale

**0** SPEED: less than 1km/h WEATHER TERM: **CALM**




Smoke rises vertically

**1-3** SPEED: 1-19km/h WEATHER TERM: **LIGHT WINDS**



Wind felt on face; leaves rustle; weather vanes moved by wind

**4** SPEED: 20-28km/h WEATHER TERM: **MODERATE WINDS**



Raises dust & loose paper; small branches are moved

**5** SPEED: 29-38km/h WEATHER TERM: **FRESH WINDS**




Small trees in leaf begin to sway; crested wavelets from on inland waters

**6** SPEED: 39-49km/h WEATHER TERM: **STRONG WINDS**




Large branches in motion; whistling heard in telephone wires

**7** SPEED: 50-61km/h WEATHER TERM: **NEAR GALE**



Whole trees in motion; inconvenience felt when walking against wind

**8** SPEED: 62-74km/h WEATHER TERM: **GALE**



Twigs break off trees; progress generally impeded

**9** SPEED: 75-88km/h WEATHER TERM: **STRONG GALE**



Slight structural damage occurs – roofing dislodged; larger branches break off

**10** SPEED: 89-102km/h WEATHER TERM: **STORM**



Seldom experienced inland; trees uprooted; considerable structural damage

**11** SPEED: 103-117km/h WEATHER TERM: **VIOLENT STORM**



Very rarely experienced on land – widespread damage

**12** SPEED: over 118km/h WEATHER TERM: **HURRICANE**



Very rarely experienced – countryside is devastated

**HELIOSCREEN'S RANGE OF AWNINGS**  
 Rated to 6 on the Beaufort Wind Scale

