

# Installation Guide



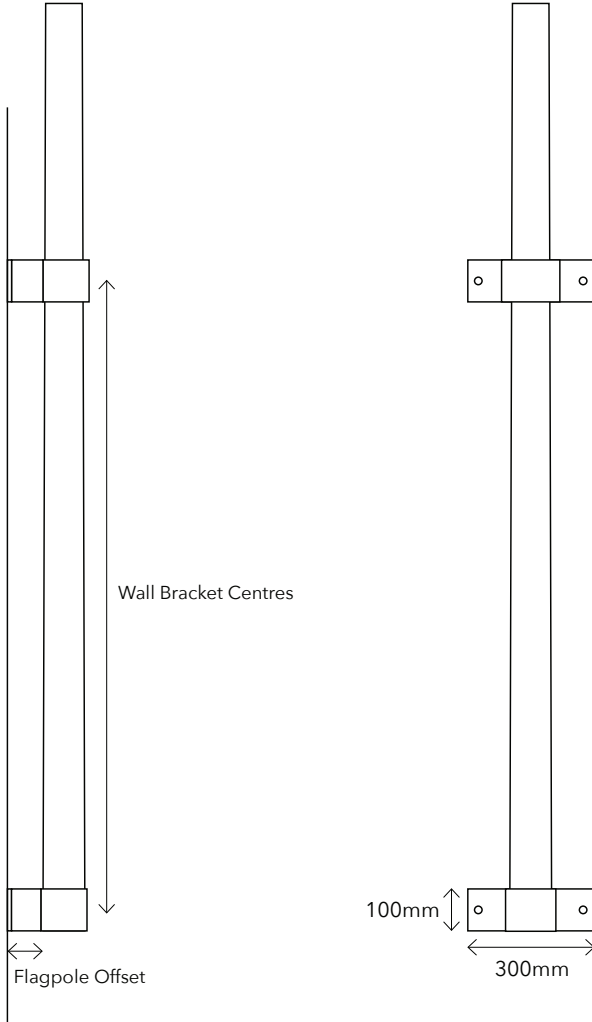
Wall Mounted Vertical Flagpole

3m - 12m

# Wall Mounted Vertical Flagpole

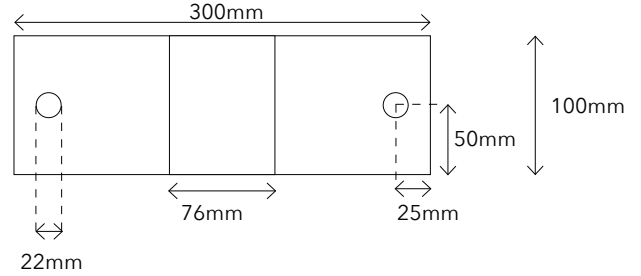
## Wall Mounted Flagpole Dimensions

### Flagpole Dimensions

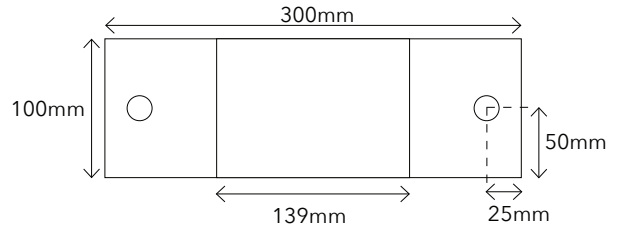


## Wall Bracket Dimensions

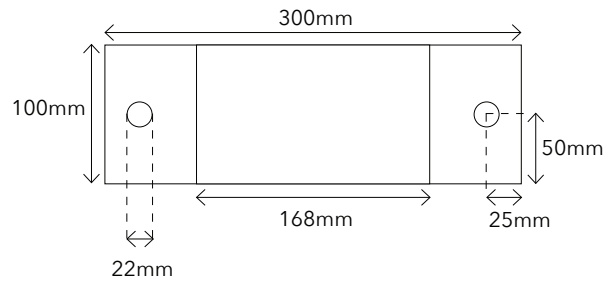
### 3m - 4m Aluminium Pole



### 3m - 8m Glass Fibe Pole



### 9m - 12m Glass Fibe Pole



Aluminium Flagpole Dimensions	
Flagpole Length (m)	3 / 4
Butt Diameter Ø (mm)	60
Top Diameter Ø (mm)	60
Material	Aluminium
Centres Between Wall Brackets (mm)	1000
Flagpole Offset (mm)	75
Recommended Landscape Flag Size (mm)	1830 x 910

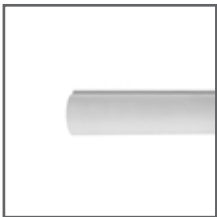
Glassfibre Flagpole Dimensions							
Flagpole Length (m)	3	4	5	6	8	10	12
Butt Diameter Ø (mm)	100	100	100	120	120	140	140
Top Diameter Ø (mm)	65	65	65	65	65	65	65
Material	Glassfibre	Glassfibre	Glassfibre	Glassfibre	Glassfibre	Glassfibre	Glassfibre
Wall Bracket Centres (mm)	1500	1500	1500	1500	2000	3000	4000
Flagpole Offset (mm)	75	75	75	75	75	75	75
Recommended Landscape Flag Size (mm)	1830 x 910	1830 x 910	1830 x 910	1830 x 910	2740 x 1370	2740 x 1370	3660 x 1830

# Wall Mounted Vertical Flagpole

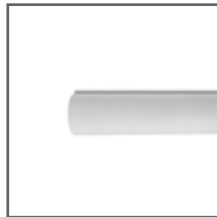
## Parts Checklist

- A1 1 x Aluminium Pole (3m - 4m) **Or**
- A2 1 x Glassfibre Pole (3m, 4m, 5m, 6m, 8m, 10m, 12m)
- B1 1 x Bottom Wall Bracket (Pre-bonded onto the flagpole)
- B2 1 x Top Wall Bracket (Pre-bonded onto the flagpole)
- C 1 x Mushroom Finial Base (**Aluminium Only**)
- D 1 x Mushroom Finial Top (**Aluminium Only**)
- E 1 x Mushroom Finial Top Aluminium Insert (**Aluminium Only**)
- F 1 x Fairlead & Saddle (**Glassfibre Only**)
- G 1 x Gold Onion Finial (**Glassfibre Only**)
- H 1 x Cleat
- I 2 x Cleat Screws
- J 3 x Self Tapping Screws
- K 1 x Length of Halyard (Halyard is supplied at double the length of the flagpole)

A1



A2



B1



B2



C



D



E



F



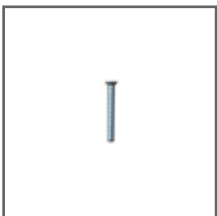
G



H



I



J



K



# Wall Mounted Vertical Flagpole

## Step 1

Using a flat headed screw driver, attach the cleat to the pole using the screws provided.



## Step 2 - Aluminium Pole

Thread halyard through the mushroom finial base over the aluminium insert and back through the rear hole.



## Step 3

Line up the top of the mushroom finial base and click into place with the mushroom finial top.



## Step 4

Slide the complete mushroom finial into the top of the aluminium pole section.



## Step 2 - Glassfibre Pole

Slide the saddle over the end of the pole and secure in place with self tapping screws.



## Step 3

Screw the gold finial onto the fairlead and saddle and hand tighten.



## Step 4

Thread the halyard through the fairlead and saddle. Ensure there is an equal amount of halyard either side.



# Wall Mounted Vertical Flagpole

## Step 5

- » Determine the site of the flagpole.
- » Using the back of one of the brackets, offer up to the wall and mark through the holes onto the brickwork, preferably onto solid material, try to avoid mortar beds.
- » Proceed to drill top bracket location and place sleeve anchor bolts (not supplied) in place.
- » Offer the pole into position and prefix the sleeve anchor bolts. Hand tighten the bolts and plumb the pole to your requirements, then fully tighten in place.

**N.B** An alternative resin anchor system can be used instead of sleeves, whereby the hole is drilled at a 2mm larger diameter than the stud into the brick to the specified depth, the resin is then pumped into the hole. Insert studs into holes, allow resin to set and then tighten the pole up on all four bolts.

- » Drill through bottom bracket holes, place sleeve anchor bolts in position and proceed to tighten all four bolts.

## Step 6

Tie both ends of the halyard together securely. A triple knot is recommended.



## Step 7

Create a slip knot in the halyard. Double the halyard back on itself to create a horizontal loop, pull the halyard down behind the first loop and create a vertical loop. Bring the first loop around behind the vertical loop and pull back through to create a knot.



## Step 8

Create another slip knot approximately 1½ times the length of the width (shortest side) of the flag.



## Step 9

Create another slip knot approximately 1½ times the length of the width (shortest side) of the flag.



# Wall Mounted Vertical Flagpole

## Step 10

Thread the halyard through the slip knot loop and create a clinch knot. Using the finger or thumb create a small loop and wrap the halyard around itself 3 times. Thread the remaining halyard back through the loop and pull tight to secure.



## Step 11

Hoist the flag to the top of the pole. Wrap the halyard under the bottom of the cleat then round over the top.



## Step 12

Bring the halyard over the top and under the bottom of the cleat in a figure of eight formation. Repeat this twice.



## Step 13

Thread the halyard up from the bottom and around the back of the halyard. Pull the remaining halyard through to secure.



## Maintenance Recommendations For Glassfibre Flagpoles

### Weekly

- Visual check of halyard for signs of wear or fraying, if necessary replace by sewing end of new halyard to end of old halyard and pull new halyard through top of flagpole.

### Six Monthly

- Check stability of flagpole(s). Check operation of hinge bolt by removing nuts and washers and with the aid of an assistant walk flagpole down and place on a support (most important if ground collar 'in situ'). Do not remove levelling nuts.
- Check finial for stability, ease of rotation and check for damage to pulley groove. If necessary replace damaged or worn parts.
- For **external halyard** systems, check for signs of wear or fraying, replace if necessary. Check cleat for security and damage, replace if necessary.
- For **internal halyard** systems (including hoistable arms), check operation of Guardsman lock and jamming cleat, oil lock if necessary. Check for signs of wear or fraying of halyard, replace if necessary. Check for wear or damage on weight, ring and plastic clips. Check to see if any damage to flagpole at weight level. Repair or replace if necessary.
- For **swivel arm** systems, check for signs of wear or fraying of the rotating top, replace if necessary. Check for wear or damage on weight, ring and any clips. Check to see if any damage to flagpole at weight level. Repair or replace if necessary.
- Wash down flagpole with warm water and detergent to remove surface grime. Use a solvent cleaner for ingrained marks.
- Re-erect flagpole by walking the flagpole up, ensuring help is available. Check base nuts for tightness, adjust if necessary. Grease nuts to protect from rust. Check flagpole for vertical alignment.

### Yearly

- Full service / inspection of the flagpole by a specialist should be carried out and log / report (provided by the contractor) kept of the date and works completed.

### Adverse Weather Conditions

- Flags must be taken down in adverse weather conditions - i.e. if flying a standard flag and wind speeds are expected to exceed 30mph.
- If there is a requirement to keep flags flying in adverse weather conditions, then specialist storm flags (of one third the size) must be used, which will withstand wind speeds up to 45mph.
- The flagpole should be inspected as above prior to re-flying your flag.