

# PRODUCT BULLETIN

## greenteQ Clearspan Bi-fold Door Hardware



### The Complete Solution for System AF70 Bi-Fold Doors

greenteQ Clearspan bi-fold door hardware for System AF70 folding doors has proved immensely popular since its launch in 2015.

Manufacturers, installers and end-users alike instantly recognise the many features and benefits that make Clearspan stand out from the crowd.

Manufacturers remark how easy the product is to fit, with minimal routing of the profile; installers appreciate the handy vertical adjustment on the roller assemblies that make installation so much easier and quicker, and end users love the smooth operating action and unobtrusive nature of the slimline hardware that shows off the clean lines of the aluminium profile.

Since launching, we have introduced many new options and products to the range. These include locking systems for the main and intermediate door sashes, magnetic catches and restrictors.

This document aims to give an overview of what is now the complete Clearspan solution for System AF70 bi-fold doors.

#### Benefits at a glance:

- Profile - specific design ensures all parts fit the System AF70 aluminium profile perfectly
- Slimline hardware is unobtrusive and maximises the clean lines of the door
- 4 attractive finishes: Black, White, Anthracite Grey and Silver
- 5mm vertical adjustment makes the installer's job easier
- Lock set for main door provides secure locking and smooth operation through tapered hooks and linear bolts
- Intermediate lock works with Clearline handles to secure the whole door
- Q-Star profile cylinders provide TS007 1-star protection
- Magnetic catches hold the sashes together in the open position
- 90° restrictor prevents damage to main door or external brick work
- Alpha door handles in 10 colour options provide a perfect match or an eye-catching contrast to the door colour

# greenteQ Clearspan Bi-fold Door Hardware

## The Complete Solution for System AF70 Bi-Fold Doors

### Top Guide



| Finish                  | VBH Code | Box Qty |
|-------------------------|----------|---------|
| White RAL9016           | 4QBF1201 | 10      |
| Black RAL9005           | 4QBF1202 | 10      |
| Anthracite Grey RAL7016 | 4QBF1203 | 10      |
| Silver RAL7040          | 4QBF1204 | 10      |

### Hinge with Pull Handle



| Finish                  | VBH Code | Box Qty |
|-------------------------|----------|---------|
| White RAL9016           | 4QBF1271 | 25      |
| Black RAL9005           | 4QBF1272 | 25      |
| Anthracite Grey RAL7016 | 4QBF1273 | 25      |
| Silver RAL7040          | 4QBF1274 | 25      |

### Bottom Roller



| Finish                  | VBH Code | Box Qty |
|-------------------------|----------|---------|
| White RAL9016           | 4QBF1231 | 10      |
| Black RAL9005           | 4QBF1232 | 10      |
| Anthracite Grey RAL7016 | 4QBF1233 | 10      |
| Silver RAL7040          | 4QBF1234 | 10      |

### Hinge



| Finish                  | VBH Code | Box Qty |
|-------------------------|----------|---------|
| White RAL9016           | 4QBF1261 | 50      |
| Black RAL9005           | 4QBF1262 | 50      |
| Anthracite Grey RAL7016 | 4QBF1263 | 50      |
| Silver RAL7040          | 4QBF1264 | 50      |

### Accessories

| Description    | VBH Code | Box Qty |
|----------------|----------|---------|
| Fixing Kit     | 4QBF1281 | 1       |
| Floating Block | 4QBF1291 | 1       |

# greenteQ Clearspan Bi-fold Door Hardware

## The Complete Solution for System AF70 Bi-Fold Doors

### Main Door Lock Kit



- Tapered hooks provide security and smooth closing
- Hook/linear bolt combination locking points provide excellent security
- Benefits from strong Yale branding
- Perfect partner for Clearspan bi-fold hardware
- Easy ordering with just one part number

| Description               | VBH Code |
|---------------------------|----------|
| LH Yale Lock Kit Standard | 4QBF1221 |
| RH Yale Lock Kit Standard | 4QBF1222 |
| LH Yale Lock Kit Long     | 4QBF1223 |
| RH Yale Lock Kit Long     | 4QBF1224 |

The correct handing is determined as follows;

LH Kit = LEFT hand hung OUTWARD or RIGHT hand hung INWARD opening door viewed from outside

RH Kit = RIGHT hand hung OUTWARD or LEFT hand hung INWARD opening door viewed from outside

### Alpha Slim Lever/Lever



| Finish                    | VBH Code | Box Qty |
|---------------------------|----------|---------|
| White (RAL9016)           | 2QHB0321 | 12      |
| Black (RAL9005)           | 2QHB0324 | 12      |
| Anthracite Grey (RAL7016) | 2QHB0330 | 12      |
| Polished Chrome           | 2QHB0326 | 12      |
| Satin Chrome              | 2QHB0327 | 12      |

### 90° Restrictor

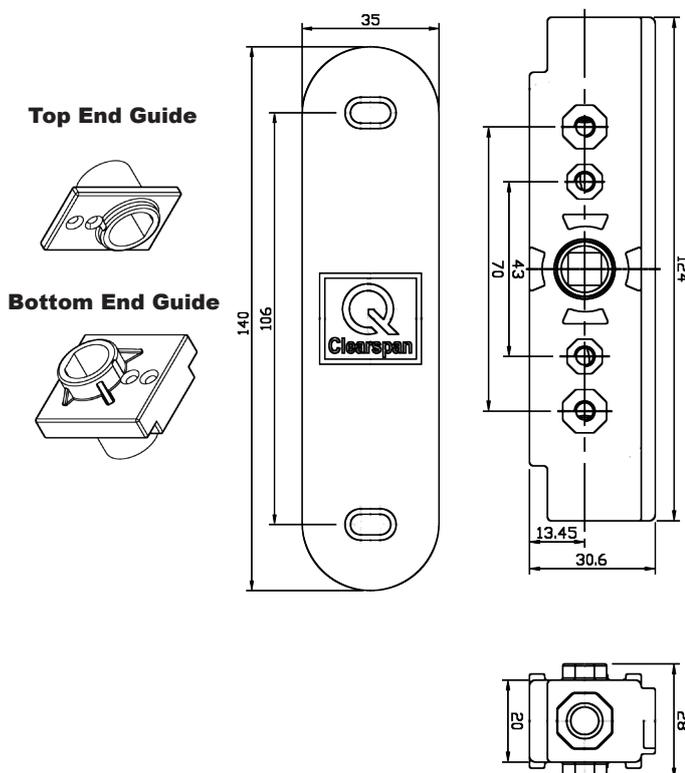
The restrictor sits in the top of the main passage door to restrict its opening angle, thus preventing the sash from opening against any external brickwork.

| Description      | VBH Code | Box Qty |
|------------------|----------|---------|
| 335mm Restrictor | 2GBA0295 | 50      |
| 500mm Restrictor | 2GBA0296 | 50      |

# greenteQ Clearspan Bi-fold Door Hardware

## The Complete Solution for System AF70 Bi-Fold Doors

### Intermediate Lock



Locking system for intermediate meeting points  
 Robust gearbox is covered by attractive black Q-branded cover  
 Shootbolt ends are pre-assembled onto strong 8mm threaded rod  
 Shootbolt end is tapered for smooth lead-in  
 22mm bolt throw

#### Standard Option

| Description                         | VBH Code | Box Qty |
|-------------------------------------|----------|---------|
| Intermediate Gearbox                | 4QBF1251 | 24      |
| Intermediate Gearbox Cover (Black)  | 4QBF1252 | 100     |
| 1300mm Shootbolt Rod Assembly       | 4QBF1255 | 100     |
| Shootbolt Top End Guide Standard    | 4QBF1253 | 100     |
| Shootbolt Bottom End Guide Standard | 4QBF1254 | 100     |

**One set comprises 1 x gearbox, 1 x gearbox cover, 2 shootbolt rods and a top and bottom end guide**

#### Intermediate Lock - Kits and Bulk

We also supply the Intermediate Lock System in kits and bulk quantities. By ordering using the codes below you will receive either 5 sets individually packed in kits, or enough components to gear 25 sashes.

| Description                    | VBH Code | Unit Qty |
|--------------------------------|----------|----------|
| Standard Individual Kit x 5    | 4QBF1225 | 5 Kits   |
| Standard Bulk Packed Sets x 25 | 4QBF1226 | 25 Sets  |

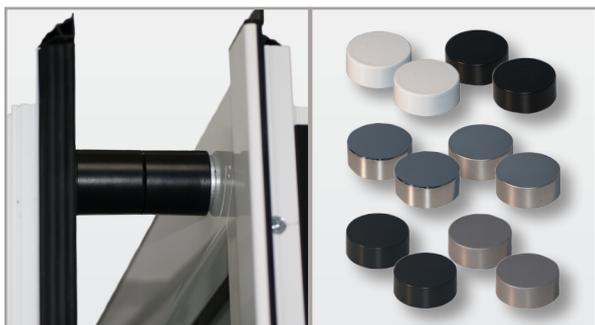
### Q-Star TS007 1-Star Profile Cylinder



- TS007:2014 approved with 1 star classification
- Both ends feature specially designed tumblers and hardened pins to protect against bumping, picking and drilling
- Sacrificial break points to hamper attempts to snap and remove the cylinder
- Fit with an accredited 2 star handle for full 3 star protection
- EN1303 classification 16000C52
- Clearly identified as a TS007 1 star cylinder
- Visual deterrent on cylinder ends
- Non-handed as cylinder is protected on both ends
- 10 year greenteQ guarantee

| Size                  | Nickel   | Brass    | Box Qty |
|-----------------------|----------|----------|---------|
| 45/50 (for main door) | 2QCY1039 | 2QCY1040 | 10      |

### Magnetic Catches



- Holds back sashes on Clearspan bi-fold doors
- Supplied complete with 2 fixing methods for aluminium doors
- Available in 2 heights and 6 colours
- Discreet appearance – only 30mm diameter
- greenteQ 10 year guarantee

| Colour                       | 26mm Catch Height | 65mm Catch Height | Box Qty |
|------------------------------|-------------------|-------------------|---------|
| White RAL9016                | 4QBF0031          | 4QBF0041          | 1 Pair  |
| Black RAL9005                | 4QBF0032          | 4QBF0042          | 1 Pair  |
| Anthracite Grey RAL7016      | 4QBF0037          | 4QBF0047          | 1 Pair  |
| Silver (Window Grey) RAL7040 | 4QBF0038          | 4QBF0048          | 1 Pair  |
| Polished Chrome              | 4QBF0034          | 4QBF0044          | 1 Pair  |
| Satin Chrome                 | 4QBF0035          | 4QBF0045          | 1 Pair  |