

PRODUCT BULLETIN

greenteQ Clearspan Security Bi-fold Door Hardware



The PAS24:2016 – Tested Solution for Smart Systems Visofold 1000 Bi-Fold Doors

VBH can now offer a greenteQ Clearspan bi-fold door hardware solution for Smart Systems Visofold 1000 folding doors that has been fully tested and approved to PAS24:2016.

By using just a few security components, manufacturers can upgrade their bi-fold doors from Standard to Security spec.

By offering a Security spec Clearspan bi-fold the manufacturer not only provides extra peace of mind, but can also supply into lucrative new build contracts. New build installations require Approved Document Q compliance and that comes as standard when building bi-folds to our PAS24 Security spec.

An additional bonus is that Security spec Clearspan bi-fold hardware is approved for Q-secure PREMIUM installations and is a Secured by Design approved specification product.

PAS24 spec doors must be fitted with lockable intermediate locks. This can be achieved by fitting either a key-lockable greenteQ CentreFold handle, or a SlimFold handle with the provision to fit a profile cylinder.

Upgrading from standard to Security is easy with just a few minor hardware changes. All the VBH Item codes are shown on the following pages.

Benefits at Glance:

- Bespoke design ensures that all hardware fits the Smart Systems profile perfectly
- 3 attractive finishes - Black, White and Anthracite Grey
- 5mm vertical adjustment
- Slimline yet strong hardware looks great and keeps the home secure
- Tested at BSI to PAS24:2016
- greenteQ Alpha door handles are available in 10 finishes to match or perfectly contrast the door colour
- VBH Security Spec Clearspan is Document Q approved
- 10 year greenteQ guarantee
- Q-secure PREMIUM approved product
- Secured by Design approved product



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Bi-Fold Door Hardware greenteQ Clearspan PAS24 Hardware for Smart Systems Visofold 1000



Top Guide and Bottom Roller



| Description | White RAL9016 | Black RAL9005 | Anth.Grey RAL7016 | Box Qty |
|---------------|------------------|------------------|----------------------|------------|
| Top Guide | 4QBF1001 | 4QBF1002 | 4QBF1003 | 10 |
| Bottom Roller | 4QBF1031 | 4QBF1032 | 4QBF1033 | 10 |

Hinge



| Description | White RAL9016 | Black RAL9005 | Anth.Grey RAL7016 | Box Qty |
|-------------|------------------|------------------|----------------------|------------|
| Hinge | 4QBF1061 | 4QBF1062 | 4QBF1063 | 50 |

Hinge with Pull Handle



| Description | White RAL9016 | Black RAL9005 | Anth.Grey RAL7016 | Box Qty |
|-----------------|-------------------|----------------------|----------------------|------------|
| Hinge with Pull | 4QBF1071 | 4QBF1072 | 4QBF1077 | 25 |
| Description | Black/PVD Gold | Black/Pol. Chrome | Black/Stn Chrome | Box Qty |
| Hinge with Pull | 4QBF1073 | 4QBF1074 | 4QBF1075 | 25 |

Security Clamp Plate Set



Each Top Guide, Bottom Roller, Hinge and Hinge with Pull Handle requires 1x security clamp plate set

| Description | VBH Code | Box Qty |
|--------------------------|-------------|------------|
| Security Clamp Plate Set | 4QBF1086 | 100 |

Anti-Lift Block



2 anti-lift blocks are required at the top and the bottom of each mullion point (i.e. where a sash is attached to another sash).

| Description | VBH Code | Box Qty |
|-----------------|-------------|------------|
| Anti-Lift Block | 4QBF1070 | 100 |

Magnetic Catches



| Finish | 26mm Catch Height | 65mm Catch Height | Box Qty |
|----------------------------|----------------------|----------------------|------------|
| White (RAL 9016) | 4QBF0031 | 4QBF0041 | 1 Pair |
| Black (RAL 9005) | 4QBF0032 | 4QBF0042 | 1 Pair |
| Polished Chrome | 4QBF0034 | 4QBF0044 | 1 Pair |
| Satin Chrome | 4QBF0035 | 4QBF0045 | 1 Pair |
| Anthracite Grey (RAL 7016) | 4QBF0037 | 4QBF0047 | 1 Pair |
| Window Grey (RAL 7040) | 4QBF0038 | 4QBF0048 | 1 Pair |

Bi-Fold Door Hardware greenteQ Clearspan PAS24 Hardware for Smart Systems Visofold 1000

Main Door Lock Kit (For Original 60mm Profiles Only)



- Hooks and compression cams provide security and smooth closing
- Hook/linear bolt combination locking points provide excellent security
- Benefits from strong Yale branding
- One piece striker plate speeds up fitting time
- Easy ordering with just one part number



| Description | VBH Code |
|----------------------------------|----------|
| LH Yale Lock Kit (60mm Profiles) | 4QBF1023 |
| RH Yale Lock Kit (60mm Profiles) | 4QBF1024 |

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

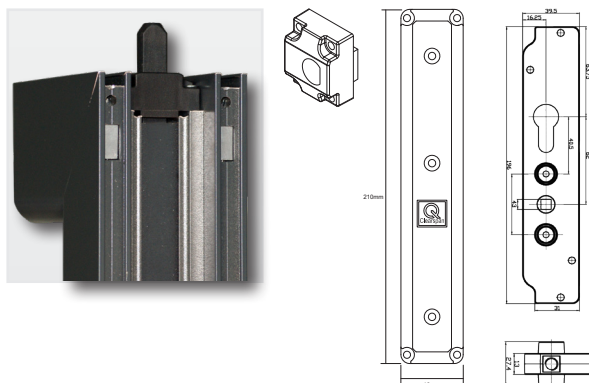
The restrictor sits in the top of the main passage door to restrict its opening angle, thus preventing the sash from opening against any external brickwork.

| Description | VBH Code | Box Qty |
|------------------|----------|---------|
| 335mm Restrictor | 2QMA0103 | 50 |
| 500mm Restrictor | 2QMA0106 | 50 |

Bi-Fold Door Hardware greenteQ Clearspan PAS24 Hardware for Smart Systems Visofold 1000



Intermediate Lock



Intermediate Lock

- Security 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
- 24mm bolt throw

We supply the Intermediate Lock System in kits and bulk quantities for the original 60mm profiles. 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 |
|--------------------------------------|-----------|----------|
| Individual Kit x 5 (60mm Profile) | 4QBF1027S | 5 Kits |
| Bulk Packed Sets x 25 (60mm Profile) | 4QBF1028S | 25 Sets |

One set comprises 1 x gearbox, 1 x gearbox cover, 2 end guides and 2 shootbolt rods

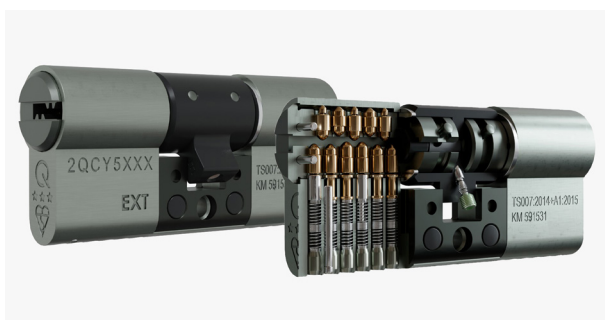
CentreFold Intermediate Handle



- Works with greenteQ Intermediate Lock to secure aluminium bi-fold doors.
- Top of lever pushes in to allow turn action
- Stands off profile by only 15mm
- Key lockable
- Folding Key Bow key enables doors to stack back with minimal stand off
- Concealed fixings (43mm centres)

| Finish | VBH Code | Box Qty |
|-----------------|-----------|---------|
| White | 4QBF0061A | 12 |
| Black | 4QBF0062A | 12 |
| Anthracite Grey | 4QBF0068A | 12 |
| Polished Chrome | 4QBF0064A | 12 |
| Satin Chrome | 4QBF0065A | 12 |
| PVD Gold | 4QBF0063A | 12 |

Orion 3 Star Cylinder



- TS007 Kitemark 3 star profile cylinder (KM591531)
- Protects against bumping, drilling, picking and snap & extract
- Supplied with 5 attractive dimple keys
- Minimum 100,000 differs
- Security AND safety assured
- Key/key, thumb-turn and keyed alike
- 10 year performance warranty
- 10 proteQ10 guarantee pays out £2000 if a break in is achieved as a direct result of the cylinder snapping
- Key Security Scheme provides protection against keys being fraudulently obtained
- Rated as a Q-secure PREMIUM product

| Size | Nickel | Brass | Box Qty |
|-----------------------|----------|----------|---------|
| 50/50 (for main door) | 2QCY5045 | 2QCY5046 | 10 |

