The Bolota Matt Black Range of door hardware consists of a very modern and sleek range of architectural ironmongery designed for both residential and commercial properties.

Manufactured mainly from high quality, stainless steel and brass base material, this new range of ironmongery offers the client and design teams, various handle designs in both sprung and un-sprung versions along with a compatible CE marked lock case range, bespoke size pull handles and accessories, all in a high quality matt black, powder coated finish.

Where applicable, most of the products listed have been tested to current British, European and Fire Test regulations with most of the products CE marked and suitable for both FD30 and FD60 fire rated doors as indicated.

PRODUCT RANGES

The product ranges available to Acorn are quite simply vast which allows us to specify ranges and manufacture specials to meet the ongoing architectural and client needs. We source all our product ranges from some of the world’s largest manufacturing companies and we are continuously developing new product designs to offer our client base.

CARE AND MAINTENANCE

For maintenance of powder coated ironmongery, it is recommended a mild solution of warm water with a small dose of household liquid detergent is suggested. Using a clean sponge or soft no abrasive cloth, mix the detergent through the water and dampen the liquid on the sponge/cloth. Squeeze any excess water and gently wipe over the affected area and dry with a clean, soft cloth. Unless you are close to the seaside or in a similar harsh environment, such as an industrial area, it is recommended that washing down your ironmongery every three to six months should be sufficient. Do not use any industrial solvents, paint remover or brushes to clean any of the ironmongery surfaces, also avoid the use of any type of powered washers and always ensure the product is kept dry.

Extra care should also be taken when installing and maintaining powder coated ironmongery, avoid sharp objects such as keys, rings and other objects that may scratch or damage the surface of the ironmongery. Wherever possible ensure that the ironmongery is protected on site and avoid paint splashes and industrial cleaners, plastic protection sleeves are supplied with the ironmongery and it is recommended that they are used until the project has been handed over.

For further information please contact our sales dept: sales@acornironmongery.com

Due to the design process of this brochure and the various light angles of certain images, products and finishes may look varied. We therefore recommend that actual samples of the ironmongery are submitted for client approval.
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MATT BLACK RANGE

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KEY TO SYMBOLS

BS EN 1906 is the British/European standard requirements and testing methods covering lever handles and knob furniture.

FD30/60
The UK Construction Products Regulations require that door hardware for use on fire doors be CE marked.

10
10 Year Mechanical Guarantee.

5
5 Year Mechanical Guarantee.

2
2 Year Mechanical Guarantee.

Products are designed to assist in complying with the requirements of BS8300 in dimension & performance.
**Round Bar Safety Lever Handle**

20mm diameter lever handle on 52x4mm concealed un-sprung slimline roses, supplied with secure bolt-through fixings.

Variation: **AB316.01.S.MB** - Sprung Version

**Straight Lever Handle**

20mm diameter straight lever handle on 52x4mm concealed un-sprung slimline roses, supplied with secure bolt-through fixings.

Variation: **AB316.02.S.MB** - Sprung Version

**Mitred Lever Handle**

20mm diameter round bar mitred lever handle on 52x4mm concealed un-sprung slimline roses, supplied with secure bolt through fixings.

Variation: **AB316.03.S.MB** - Sprung Version

**T-Bar Lever Handle**

20mm diameter T-bar lever handle on 52x4mm concealed un-sprung slimline roses, supplied with secure bolt through fixings.

Variation: **AB316.05.S.MB** - Sprung Version
**Wedge Pattern Lever Handle**

Wedge pattern lever handle on 52x4mm concealed un-sprung slimline roses, supplied with secure bolt through fixings.

Variation: **AB316.12.S.MB** - Sprung Version

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**Slimline Escutcheons**

52x4mm concealed fixed slimline covered escutcheons. Variations:

- **AB316.411.MB** – Euro Cylinder Escutcheon
- **AB316-413.MB** – Keyhole Escutcheon
- **AB316-414.MB** – Blank Escutcheon

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**Slimline Large Accessible Bathroom Turn**

52x4mm concealed fixed slimline large accessible bathroom turn with 5mm spindle and 8mm conversion sleeve to suit AB316.416.MB bathroom release.

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**Slimline Bathroom Emergency Release**

52x4mm concealed fixed slimline bathroom emergency coin release, to suit AB316.417.MB or AB316.418.MB bathroom turns. Also available without indicator - AB316.419.MB.

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**Slimline Standard Bathroom Turn**

52x4mm concealed fixed slimline standard bathroom turn only with 5mm spindle and 8mm conversion sleeve to suit AB316.416.MB bathroom release.
Mitred Lever Handle
20mm diameter Mitred lever handle on 52x6mm concealed sprung roses, supplied with secure bolt-through fixings.

Square Section Lever Handle
21mm square section lever handle on 50x10mm concealed sprung rose, supplied with secure bolt-through fixings.

T-Bar Lever Handle
20mm diameter T-bar lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.

Straight Designer Lever Handle
20mm straight designer lever handle on 50x10mm concealed sprung rose, supplied with secure bolt-through fixings.
Knurled Lever Handle
Knurled lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.

Flat Wedge Lever Handle
Flat wedge lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.

Plain Edge Lever Handle
Edge straight lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.

Flat Blade Lever Handle
Flat straight lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.
**Wing Lever Handle**

Wing lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.

- BS EN 906
- FD30/60
- 5 YEAR GUARANTEE

**Wave Lever Handle**

Wave lever handle on 50x10mm concealed sprung roses, supplied with secure bolt-through fixings.

- BS EN 906
- FD30/60
- 5 YEAR GUARANTEE

**Escutcheons**

52mm diameter concealed fixed escutcheons.

Variations:

- AB41.01.MB - Euro Cylinder Escutcheon
- AB41.02.MB - Keyhole Escutcheon
- AB41.03.MB - Blank Escutcheon

**Standard Bathroom Turn & Release**

52mm diameter concealed fixed standard bathroom turn and emergency release set with 5mm spindle.

- AB41.05.MB

**Chamfered Bathroom Turn & Release**

52mm diameter concealed fixed standard bathroom turn and emergency release set with 5mm spindle.

- AB41.08.MB
20mm D-Bar Pull Handle
with bolt-through fixings
Variations:
AB50.01.MB - 150mm C/C
AB50.02.MB - 225mm C/C
AB50.03.MB - 300mm C/C
AB50.04.MB - 425mm C/C
AB50.05.MB - 600mm C/C
AB50.06.MB - 900mm C/C
AB50.07.MB - 1000mm C/C
AB50.08.MB - 1200mm C/C
Also available 25mm diameter - Prefix Code AB52 and Size

20mm Mitred Pull Handle
with bolt-through fixings
Variations:
AB51.01.MB - 150mm C/C
AB51.02.MB - 225mm C/C
AB51.03.MB - 300mm C/C
AB51.04.MB - 425mm C/C
AB51.05.MB - 600mm C/C
AB51.06.MB - 900mm C/C
AB51.07.MB - 1000mm C/C
AB51.08.MB - 1200mm C/C

25mm T-Bar Pull Handle
with bolt-through fixings
Variations:
AB55.01.MB - 300mm C/C (400mm O/A)
AB55.02.MB - 425mm C/C (525mm O/A)
AB55.03.MB - 600mm C/C (700mm O/A)
AB55.04.MB - 750mm C/C (920mm O/A)
AB55.05.MB - 900mm C/C (1070mm O/A)
AB55.06.MB - 1000mm C/C (1100mm O/A)
AB55.07.MB - 1200mm C/C (1370mm O/A)
AB55.08.MB - 1500mm C/C (1600mm O/A)
**Stainless Steel Kicking Plates**
Drilled and countersunk with wood screws. Square corners or radius corners. Sizes to clients requirements.

**Stainless Steel Push Plates**
Drilled and countersunk with wood screws. Square corners or radius corners.
Variations:
- AB70.01.MB - 375x75mm
- AB70.02.MB - 500x75mm
- AB70.03.MB - 700x75mm
- AB70.04.MB - 1000x75mm
- AB70.05.MB - 1200x75mm
- AB70.06.MB - 1500x75mm
Bespoke sizes available

**Pictogram Signage**
76mm diameter matt black background and white symbols, drilled and countersunk with wood screws.
Variations:
- AB81.04.MB - Male
- AB81.05.MB - Female
- AB81.06.MB - Accessible Toilet
- AB81.07.MB - Unisex (above)
- AB81.08.MB - Baby Change
- AB81.09.MB - Shower
- AB81.10.MB - Push
- AB81.11.MB - Pull

**Fire Signage**
76mm diameter blue background with white lettering, drilled and countersunk with wood screws.
Variations:
- AB81.01.MB - Fire Door Keep Shut
- AB81.02.MB - Fire Door Keep Locked
- AB81.03.MB - Automatic Fire Door Keep Clear
- AB81.14.MB - Fire Door Keep Closed
- AB81.15.MB - Fire Door Keep Locked Shut
European Cylinder Lock Case
60mm backset Euro profile din. Standard cylinder mortice lock case range with 72mm centres. Matt black square or radius forend & strike plate.
Variations:
- AB91.01.MB - Euro Sashlock Case
- AB91.02.MB - Euro Deadlock Case
- AB91.03.MB - Bathroom Lock Case (78mm C/C)
- AB91.04.MB - Latch Case
- AB91.05.MB - Euro Nightlatch Case
- AB91.06.MB - Escape Sashlock Case
- AB91.INT - Intumescent Lock Pack FD30/60

Contract Bathroom Lock
Contract bathroom lock case. 57mm centres with square matt black forend and strike.
- 65mm (44mm backset)
- 76mm (57mm backset)
- 57mm centres
- Bolt-through fixing holes
- 5mm follower
- Certifire CF5610
- Square forend & strike plate
- AB32-INT - Intumescent pack
**BOLOTA**

**LOCKS & LATCHES**

**AB31.04.MB**

**Euro Profile Deadlock Case**

76mm (57mm backset) small case Euro deadlock with square or radius matt black forend and strike.

AB31-INT - Intumescent pack

**AB31.02.MB**

**Mortice Latch**

57mm backset heavy duty tubular mortice latch. Square or radius matt black forend and strike.

AB31-INT - Intumescent pack

**AB30.100.MB**

**Push Button Digital Lock**

- Operates using a single pin code
- Suitable for 35-57mm thick doors
- Optional ‘Hold Open’ facility
- Suitable for light/medium doors
- Internal use only
- 2 year mechanical guarantee
- AB30-INT - Intumescent pack

**AB31.03.MB**

**Mortice Deadbolt**

57mm backset tubular mortice deadbolt (5mm follower). Square or radius matt black forend and strike.

AB31-INT - Intumescent pack
**Euro Single Cylinder**
- 40 or 45mm Euro profile single cylinder
- Supplied with 2 differ keys
- 5 pin medium security to BS EN 1303
- Master Key systems (UMK)
- Keyed to Differ (KTD)
- Keyed Alike (KA)
- Other sizes available to order.

**Euro Cylinder & Turns**
- 60, 70 or 80mm Euro profile cylinder and turn
- Supplied with 2 differ keys
- 5 pin medium security to BS EN 1303
- Master Key systems (UMK)
- Keyed to Differ (KTD)
- Keyed Alike (KA)
- Large Accessible Turn available
- Other sizes available to order.

**Euro Double Cylinder**
- 60, 70 or 80mm Euro profile double cylinder
- Supplied with 2 differ keys
- 5 pin medium security to BS EN 1303
- Master Key systems (UMK)
- Keyed to Differ (KTD)
- Keyed Alike (KA)
- Other sizes available to order.
Ball Bearing Hinge
- 102x76x3mm Ball Bearing Hinge
- CE Marked
- BS EN 1935 Grade 13
- Square or radius corners
- Supplied with matching screws
- AB10.HP - Black intumescent hinge pads
- 10 year mechanical guarantee

Washer Hinge
- 76x50x2mm Washer Hinge
- Double phosphor bronze washered
- Square corner only
- Supplied with matching screws
- Non-fire rated

3D Adjustable Concealed Hinge
- Removable cover plates
- Adjustment screws
- Total length: 160mm
- Depth: 29mm
- Max load capacity 120kg (3 hinges)
- Suitable for unrebated and flush doors
- 30 and 60min fire resistant
- A1131 - Intumescent hinge pack
- 10 year mechanical guarantee
Universal Hydraulic Overhead Door Closer

- Adjustable power EN size 2-5 to suit doors up to 1200mm wide and 80kg
- Adjustable closing speed and latching action
- Adjustable back check function
- Fully compliant with EN 1154 & EN1634
- CE marked in all applications
- DDA compliant to BS8300
- Rack & pinion mechanism with matching adjustable arm
- Universal application
- Adjustable power by spring
- Slimline Radius cover (Square cover to order)
- Option delayed action feature available
- Certifire certification CF5294 refers
- 10 year guarantee

R100 Powermatic Concealed Door Closer

- CE Marked
- Successfully type tested to BS EN 1154: 1997 power size 3
- Certifire approved
- Contributes towards achievement of BS 8300: 2009 Suitable for doors up to 80kg in weight and 950mm wide (BS EN 1154 size 3 test door 60kg)
- Adjustable closing speed and power latching action
- Matt black chrome finish
- R100 - Intumescent pack
- 10 year guarantee
10mm Diameter Cabinet Handles
AB55.10.01.MB – 100x10mm
AB55.10.02.MB – 150x10mm
AB55.10.03.MB – 225x10mm
AB55.10.04.MB – 300x10mm

Cylindrical Cupboard Knob
AB55.12.01.MB – 30mm Diameter
AB55.12.02.MB – 35mm Diameter

76mm Projection Handrail Bracket

Lever Action Flush Bolts
AB60.02.MB – 200x20mm
AB60.03.MB – 300x20mm
AB60.04.MB – 450x20mm
AB60.05.MB – 600x20mm
AB60-INT – Flush bolt intumescent pack
AB60-1SSZP – Easy clean socket
AB60-20SSS – Dust excluding socket

Contemporary Style, High Quality, Cast Aluminium Door Numbers
Supplied with hidden pin fixings suitable for use on masonry or wood surfaces. The fixing includes an optional spacer to mount the numbers approximately 10mm from the wall to cast a subtle shadow.

Dimensions: 10cm(H) x 6.6cm(W) x 2cm(D)

Black numbers are powder coated RAL 9017 in a matt finish. Numbers 0-9 only. Each number is supplied with pin fixings, optional spacers, detailed fitting instructions template for quick and easy installation.

Variations:
AB4000.01.MB – 1
AB4000.02.MB – 2
AB4000.03.MB – 3
AB4000.04.MB – 4
AB4000.05.MB – 5
AB4000.06.MB – 6
AB4000.07.MB – 7
AB4000.08.MB – 8
AB4000.09.MB – 9
AB4000.00.MB – 0