urban | front®
#doorcouture

e80 range

specifications for urban front e80 doors
optional extras
natural hardwood characteristics

MS15.6
07.03.2019

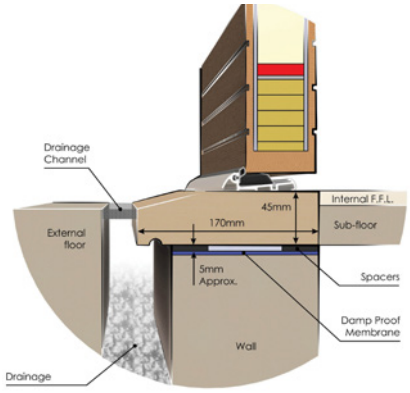
specifications for urban front e80 doors

Overall frame Sizes (Single Doorsets)

– Standard overall frame size 1040x2400mm
– Maximum overall frame size bespoke 1500x3000mm

Structure (Door)

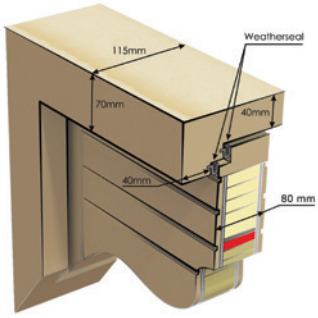
– Exterior cover layer 6mm of natural solid wood lamination
– 10mm of composite stabilizing layer
– Double steel reinforcement 6/40 thick X 2
– Paraffin Insulation 290 Kg/m3
– calculated door leaf insulation of 1.112W/m2K and 32db sound insulation
– 10mm of composite stabilizing layer
– Interior cover layer 6mm of natural solid wood lamination
– Inwards opening as standard – Outward opening on request
– Overall door cover thickness 80mm



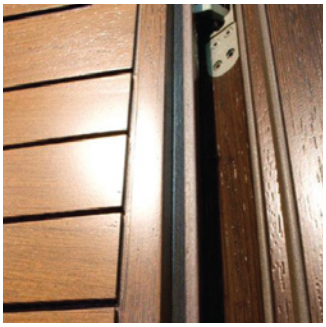
e80 cill section

Structure (Frame)

– Laminated solid wood rebated frames 70x115mm
– Acoustic weatherseals withstand temperature +70c to -30c
– Matching natural solid wood Cill with slimline threshold compliant with part M building regulation



e80 frame section

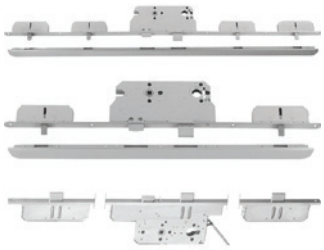


e80 double rebated frame

Security and Hardware

– High security cylinder with 3 security keys
– Class 4 security multipoint lock, tested to ENV 1627-1630 resistance Class 4 – fire tested to EI30
– Multiaxial 3D concealed hinges, maximum weight 180kg, maximum horizontal stress 360N – Tested to EN 1935:2002 – 2 hinges per door
– Security Glazing 26mm double glazed with Laminated and toughened planitex glass – argon filled – 1.1 UValue on glass pane (if applicable)

security escutcheon



class 4 multipoint locks

3D concealed hinge

high security key x 3

high security cylinder

optional extras

Concealed overhead door closer

Automatic door closer is occasionally required on doors where soft closing option is desired. It is **highly recommended on large doors** especially with side glass units to reduce the vibration when doors are closing. Only suitable for hinged doors.

concealed overhead door closer (optional)

Motorised multipoint lock

High security lock designed to automatically engage the security bolts when the door is shut, no keys are required to lock the door. It can be used in combination with our Integrated fingerprint entry system or with most third party entry systems that are available on the market. Ideal where high security is required without daily use of keys

(The lock is designed to stay locked in case of power cut, and keys are supplied with each door as standard as a manual over ride option). Fitted only (a professional electrician is required onsite for final wiring)

security motorised multipoint lock (optional)

Integrated fingerprint system

This system is used together with our Motorised Multipoint Lock. It can be used together with or without a third party entry system. This option will eliminate the need of using keys to open the door, easy to programme and up to 99 person can be programmed in. Also comes with Bluetooth for mobile phones operation. Fitted only (a professional electrician is required onsite for final wiring)

integrated fingerprint system (optional)

Electric latch

This option is ideal for commercial premises but can also be used for residential if a high level of security is not essential. The door will be locked on the latch only during normal operation, manual locking of the deadbolts is required to fully secure the door. (a professional electrician is required onsite for final wiring)

electric latch (optional)

Flush frames & Flush doors

See important info under finishing

flush door (optional)

Door viewer

door viewer (optional)

Extra security keys

extra security keys (optional)

natural hardwood characteristics

Urban Front Doors are manufactured from natural hardwood instead of engineered wood to keep the beauty of natural wood. Most hardwood doors have a degree of movement which is impossible to completely eliminate, the degree of movement depends on the method of door manufacturing. Urban Front is one of a few companies that manufacture natural hardwood and guarantee a minimal movement because of the steel reinforcement and the unique core ventilation system helping to keep movement to a minimum. (See Urban Front T&Cs for more information)

The choice of having the beauty of a natural handmade product compared to engineered, aluminum and upvc product comes at a price. Any natural hardwood product including doors when exposed to the element will change in colour, might develop minor hairline splits, and will require maintenance. The extent of those characteristics can be minimised and controlled with good consideration to design at an early stage. It is important to consider the following:

#1 Exposure: Please see our "suitability" advice on exposure below

#2 Door Design: Vertical Grooved designs require less maintenance than horizontal grooved design when doors are exposed.

#3 Finish: RAL Painted Doors require the least maintenance. Oiled doors might require more maintenance than Lacquered doors if exposed, but are much easier to maintain.

#4 Flush vs Rebated: Flush door construction (Optional) is only suitable for a protected position (see "suitability" advice below)

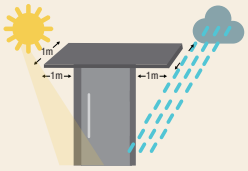
Suitability

Exposure is difficult to define and will depend on one or all the following factors combined: sun direction, rain direction, position of building and surrounding buildings and trees, size of overhang. The maintenance periods shown below are indicative and can vary dramatically depending on the extent of above factors in each situation.

High Exposure

Suitable for

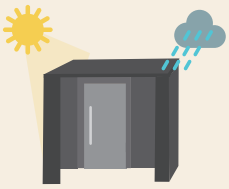
- Hinged Doors
- RAL Finished Doors
- Recommended lacquered or oiled with high frequency
- Walnut wood is more suitable for semi exposed or protected
- Vertical Grooved Door Design preferred
- Horizontal Grooved Door Design less preferred, higher maintenance required
- Rebated Frames
- Conventional rebated threshold
- Drop seals not suitable
- Flush Frames not suitable
- Weatherboard preferred but not essential
- Maintenance frequency
  - lacquered 2 to 5 years
  - oiled 6mths to 2 years
  - Ral 5-10 years



Semi Exposed

Suitable for

- Hinged Doors
- Pivot Doors (see E80Pivot Range Spec Sheet) with periodic adjustment to Drop Seals if required
- RAL Finished Doors
- Recommended lacquered or oiled with high frequency
- Vertical Grooved Door Design preferred
- Horizontal Grooved Door Design less preferred, medium maintenance required
- Rebated Frames
- Conventional rebated threshold
- Drop seals suitable with periodic adjustment to Drop Seal if required
- Flush Frames not suitable
- Weatherboard not necessary
- Maintenance frequency
  - lacquered 2 to 10 years
  - oiled 1 to 5 years
  - Ral 5-10 years



Protected

Suitable for

- Hinged Doors
- Pivot Doors (see E80Pivot Range Spec Sheet) with periodic adjustment to Drop Seals if required
- RAL Finished Doors
- Recommended lacquered or oiled
- Vertical or Horizontal Grooved Door Design
- Rebated Frames
- Conventional rebated threshold
- Drop seals suitable with periodic adjustment to Drop Seal if required
- Flush Frames
- Weatherboard not required
- Maintenance frequency
  - lacquered 5 to 15 years
  - oiled 3 to 10 years
  - Ral 15+ years

Finishing

- Choice of natural hardwoods or Tricoya RAL finish
- Supplied with either clear UV protection lacquer or clear UV protection oil. Maintenance required depending on exposure (see suitability section above)

Guarantees*

- 5 Years manufacturing warranty
- 5 Years warranty on locks

**Please refer to our terms & conditions*

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Please note: urban front doors are supply only

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