

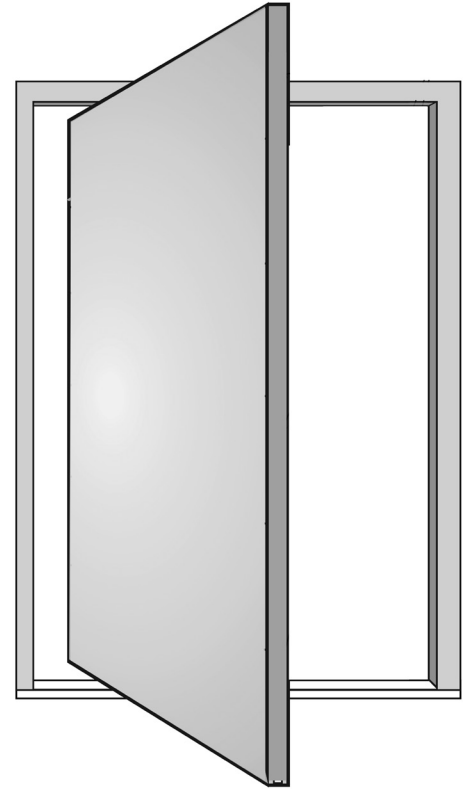
specification for e90steel pivot front doors

Frame sizes (single doorset)

	Width mm	Height mm
Standard frame size up to	1400	2500

Door values

Total door thickness	70mm
Total door weight	70kg/m²
Thermal insulation and energy saving U-Value	Up to 0.8w/m²k
Triple high security glass	0.7W/m²k



Door structure

- Sheet steel construction
- Inner in-fill insulation
- Door leaf (door face) weighted with inner steel cups
- Flush finish (door leaf sits in-line with the front of the frame)

Frame structure

- Slim door frame profile manufactured from zinc steel
- Frame insulation via thermal breaks/PU hard foam
- Weatherseals (1 outer, 1 inner)

Security & hardware

1 (Flush) high security cylinder	✓
2 Security keys	3
3 Pivot hinges	2
4 Security 3 point lock with round/hook bolt locking system	✓



1



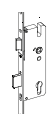
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4



high security locking & door closing options

All our locking options are highly secure. Learn the differences in practical use below.

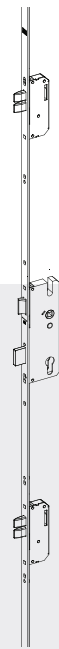
INCLUDED

Multi-point lock + thumbturn

Our 3-point lock requires locking with the key when you leave the house.

From the inside: as a minimum the door is always locked on the latch when it is shut, turn the thumbturn to fully secure the door and double lock it (and unlock the door again)

From the outside: when the door is shut, use the key to lock the door (and unlock the door again).



(OPTIONAL EXTRA)

Self-locking multi-point lock + thumbturn (mechanical, no wiring required)

For added peace of mind, the 3-point self-locking option means you don't have to worry about locking your door with the key when you leave the house.

From the inside & outside: when the door is shut, the multi-point lock is automatically engaged and locks the door.

You do not need to use the key from the outside to lock the door.

You do need the key to unlock from the outside.

PLEASE NOTE: ALL OPTIONS BELOW ARE SUPPLIED FITTED ONLY. A PROFESSIONAL ELECTRICIAN IS REQUIRED ONSITE FOR FINAL WIRING.

(OPTIONAL EXTRA)

Motorised self-locking & fingerprint entry (or other automatic/electrical entry system) + thumbturn

Choose this option where self-locking and no keys are preferred. This locking system acts the same as self-locking but allows integration with additional electrical/keyless opening systems.

Motorised self-locking:

From the inside & outside: when the door is shut, the lock is automatically engaged and locks the door.

The lock is designed to stay locked in case of a power cut.

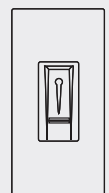
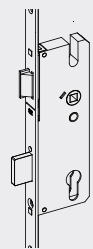
You will still receive keys in case a manual override is required.

Fingerprint entry system:

Register up to 99 fingerprint sets to unlock the door from the outside without a key. This can be integrated with motorised locking.

Other 3rd party entry systems (not supplied):

These can be used in conjunction with fingerprint entry or on their own. They will also require the motorised locking option.



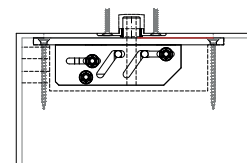
(OPTIONAL EXTRA)

Door closing: sprung pivot soft-closing system

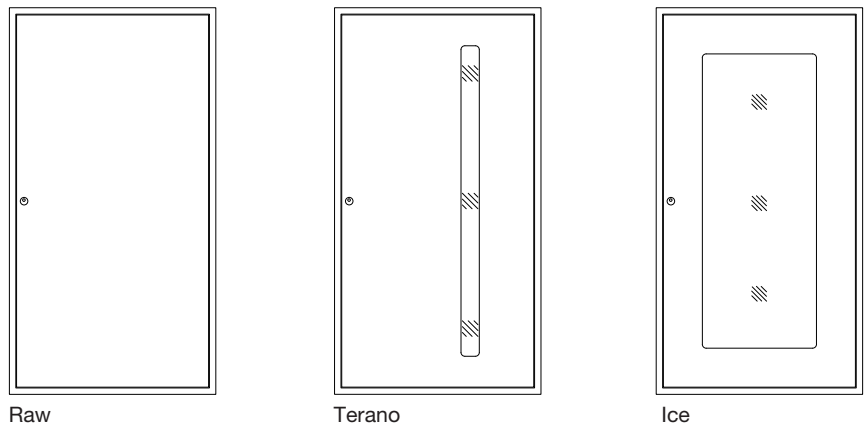
Highly recommended where pivot doors are being fitted into glass (curtain walling).

This option prevents the door from slamming shut (reducing possible and repeated impact on the glass) and allows the door to close gently on its own.

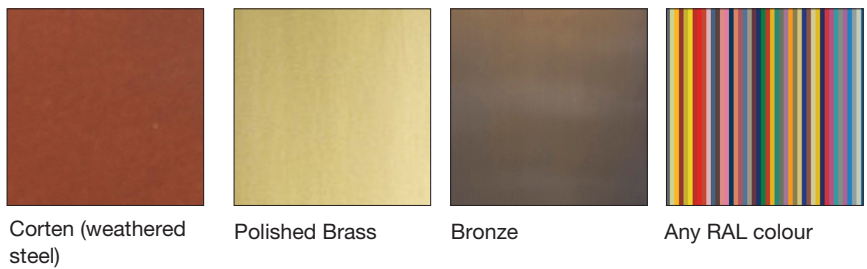
The sprung pivot will allow (if requested) the door to hold open in certain positions (i.e when fully open or at 90 degrees). It will then start to slow-close again when pushed.



3 designs



4 luxury finishes

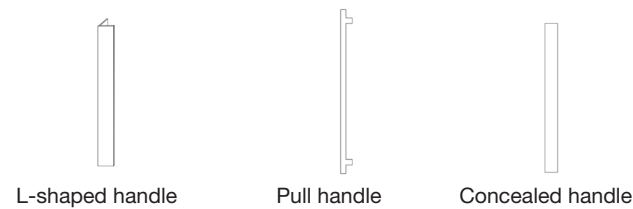


Internal customisation

Internally, we offer additional customisation if you prefer to differentiate your exterior and interior view/styling.



3 handle options



steel & its natural characteristics

Steel is an alloy combining different natural metals. Like all natural materials, this product may show visual evolutions over time when exposed to the outdoors and in particular the natural effect of oxidation.

All steel finishes, including weathered steel, are subject to some small scratching and colour evolution over time. These changes add to the individuality, exclusivity and beauty of every door and are desired in houses/projects that wish to convey a premium statement.

Weathered steel - has undergone a manual process that replicates natural oxidation and prevents it from oxidising further. It creates a weather resistant air and watertight external layer that delivers the sought after industrial/rust aesthetic in a controlled manner.



Corten steel door with matching weathered steel cladding