K2 GRP FIRE DOOR SPECIFICATION

Hinged single transom doorset

K2 GRP fire-rated doorset up to -/90/90sm

Product code: K2_GRP90_HST

Fire resistance rating: Up to -/90/90sm

Note: If a door grille is required, the maximum insulation rating is 60 minutes (-/90/60sm). See the grille smoke-control limitation.

Leaf sizes and wall types

Wall type	Maximum leaf height	Maximum leaf width	Max transom panel size (W × H)	Report reference
Steel stud with Fyreline GIB linings	2400 mm	1200 mm	2400 mm × 1200 mm	PF26003 & AR25091
Precast	2400 mm	1200 mm	2400 mm × 1200 mm	PF26003 & AR25091
Block	2400 mm	1200 mm	2400 mm × 1200 mm	PF26003 & AR25091

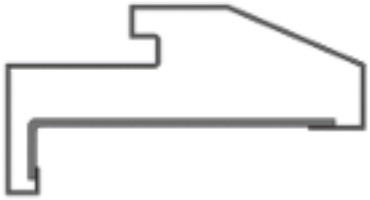
Nominal leaf thickness	Acoustic rating	Facings
50 mm	N/A	GRP fibreglass

Threshold sill types

The following sill profiles are available for this rated doorset.



K2-2Lip Removable Sill

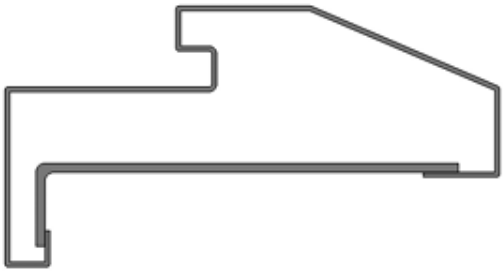


K2-4Lip Fixed Sill

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Frames and jambs

The available frame profile for this doorset is K2-4Lip, in steel or stainless steel.



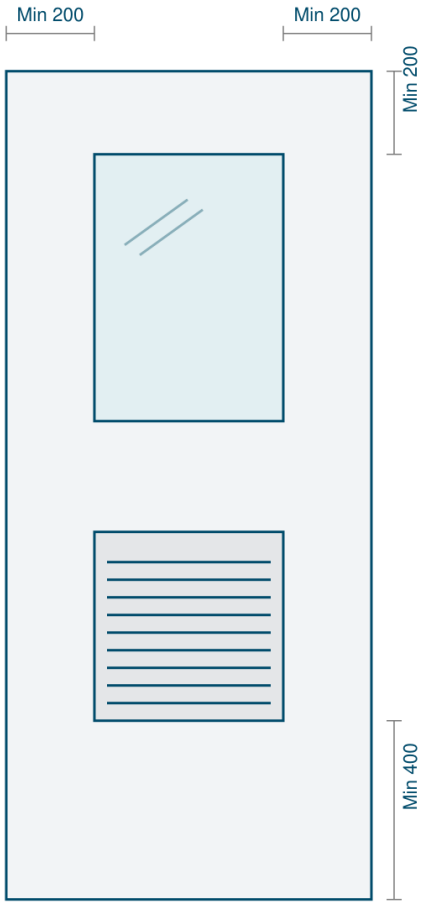
K2-4Lip

Frame sizes by wall type

Wall type	K2-4Lip	Jamb material	Report references
Steel stud with Fyreline GIB linings	Min 165 mm Max 200 mm	Stainless steel or steel	PF26003 & AR25091
Precast	Min 165 mm Max 200 mm	Stainless steel or steel	PF26003 & AR25091
Block	Min 165 mm Max 200 mm	Stainless steel or steel	PF26003 & AR25091

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Vision panels and grilles



Representative leaf

Dimensions in mm; schematic

Glazed vision panels

Glass: Schott Pyranova 30

Report references: PF21004 & AR25091

Maximum glazed area: 0.27 m²

Beading: Flush glazed

Quantity: 1 vision panel permitted per leaf

Door grilles

Type: Kilargo IFD-D-450/450

Report references: PF21004 & AR25091

Available size: 450 mm × 450 mm

Quantity: 1 grille permitted per leaf

Doorsets with door grilles cannot be certified as smoke control doorsets.

Technical compliance statement

This doorset complies with NZS 4520:2010 when correctly installed into a compliant fire-resistant wall type in accordance with K2 Doors installation instructions and fitted with approved hardware for this product.

This doorset has been tested to AS 1530.4:2014 as referenced in NZS 4520:2010.

This door has not been tested for water ingress in exterior installations. K2 Doors makes no statement as to its suitability under NZBC E2 External Moisture.

This document supersedes previous revisions. Prior versions must not be used, referenced or distributed and should be deleted or destroyed to avoid confusion or inconsistency.