

Certificate of Product Approval

Certificate Number: 1418e

Issue: 02

KONE CORPORATION

Keilasaatama 3
FI-02150 Espoo
Finland



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) as detailed below:

Products

Lift Landing Doors
KES100

Standards

EN 81-58:2003

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

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Signed for BRE Global Ltd.

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Certification Scheme Manager

18 April 2019

Date of Issue

26 March 2018

Date of First Issue



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Product Name		Door Type		LPCB Ref. No.
KES100		AMDSL3		1418e/01
Frame Type (see note 9)	Door panel insulation	Lintel insulation	Side posts/side panel insulation	Fire Resistance (minutes) (EN81-58:2003) Integrity/ Insulation/ Radiation
Narrow frame	None	40mm (25mm + 15mm) Paroc Slab	None	120-/60
	16mm Gipsbifire K	40mm (25mm + 15mm) Paroc Slab	None	120/30/60
	20mm Microtherm	40mm (25mm + 15mm) Paroc Slab	None	120/60/60
Frame	None	40mm (25mm + 15mm) Paroc Slab	None	120-/60
	16mm Gipsbifire K	40mm (25mm + 15mm) Paroc Slab	None for widths up to 99.5mm 25mm Paroc Slab for widths over 100mm	120/30/60
	20mm Microtherm	40mm (25mm + 15mm) Paroc Slab	None for widths up to 99.5mm 25mm Paroc Slab for widths over 100mm	120/60/60
Front	None	40mm (25mm + 15mm) Paroc Slab	None for door widths up to 1600mm 25mm Paroc Slab for door widths over 1600mm (note 9)	120-/60
	16mm Gipsbifire K	40mm (25mm + 15mm) Paroc Slab for widths up to 299mm 16mm Gipsbifire K for widths over 300mm	25mm Paroc Slab for widths up to 299mm 16mm Gipsbifire K for widths over 300mm	120/30/60
	20mm Microtherm	40mm (25mm + 15mm) Paroc Slab for widths up to 299mm 20mm Microtherm for widths over 300mm	25mm Paroc Slab for widths up to 299mm 20mm Microtherm for widths over 300mm	120/60/60

*Paroc Slab only required on uninsulated front doors required to satisfy the radiation criterion for 60 minutes.

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Product Name		Door Type		LPCB Ref. No.
KES100		AMDSL4		1418e/01
Frame Type (see note 9)	Door panel insulation	Lintel insulation	Side posts/side panel insulation	Fire Resistance (minutes) (EN81-58:2003) Integrity/Insulation/Radiation
Narrow frame	None	40mm (25mm + 15mm) Paroc Slab	None	120/-/60
	16mm Gipsbifire K	40mm (25mm + 15mm) Paroc Slab	None	120/30/60
	20mm Microtherm	40mm (25mm + 15mm) Paroc Slab	None	120/60/60
Frame	None	40mm (25mm + 15mm) Paroc Slab	None	120/-/60
	16mm Gipsbifire K	40mm (25mm + 15mm) Paroc Slab	None for widths up to 99.5mm 25mm Paroc Slab for side post widths over 100mm 25mm/35mm for slam post widths over 100mm	120/30/60
	20mm Microtherm	40mm (25mm + 15mm) Paroc Slab	None for widths up to 99.5mm 25mm Paroc Slab for side post widths over 100mm 25mm/35mm Paroc Slab for slam post widths over 100mm	120/60/60
Front	None	40mm (25mm + 15mm) Paroc Slab	None for door widths up to 1600mm 25mm Paroc Slab for side post of doors with widths over 1600mm (note 9) 25mm/35mm Paroc Slab for slam post of door with widths over 1600mm (note 9)	120/-/60
	16mm Gipsbifire K	40mm (25mm + 15mm) Paroc Slab for widths up to 299mm 16mm Gipsbifire K for widths over 300mm	25mm Paroc Slab for widths up to 299mm 25mm/35mm Paroc Slab for slam posts widths up to 299mm 16mm Gipsbifire K for widths over 300mm	120/30/60
	20mm Microtherm	40mm (25mm + 15mm) Paroc Slab for widths up to 299mm 20mm Microtherm for widths over 300mm	25mm Paroc Slab for side post widths up to 299mm 25mm/35mm Paroc Slab for slam posts widths up to 299mm 20mm Microtherm for widths over 300mm	120/60/60

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Notes:

1. Door types: KES100 offer AMDSL3 four-panel, centre-opening and AMDSL4 three-panel, side-opening lift landing doors.
2. KES100 lift landing doorsets are approved with the following steel options: Zinc coated, painted, PVC coated steel, stainless steel and decorated stainless steel.
3. KES100 lift landing doorsets are approved for use in concrete or masonry supporting constructions with the following fixing options: Anchor bolts, T halfen or chemical bolts.
4. For a complete list of all approved variations and door constructions please refer to the following BRE Global assessment report P105235-1007 issue 1 dated 4th December, 2017.
5. KES100 lift landing doorsets to provide up to 120 minutes fire resistance with respect to the criteria of EN 81-58:2003.
6. This certificate covers manufacture at factory sites –

Stera Technologies Oy (LPCB No.1424)	Wittur SpA (LPCB No.1490)
Valtaimenkuja 80	Via Macedonio Melloni 12
FORSSA	43052 Calorno
30100	Palma
Finland	Italy
7. KES100 lift landing doorsets the maximum opening dimensions for the AMDSL3 and AMDSL4 doorsets are 1200mm wide x 2100mm high and the minimum opening dimensions are 600mm wide x 1900mm high.
8. KES100 lift landing doorsets lintel insulation Paroc Slab required only uninsulated front doors to satisfy the radiation criterion for 60 minutes.
9. Approved frame type dimensions are shown in below table.

Frame type	Side post width (mm)	Slam post width (mm)	Lintel width (mm)
Narrow frame	50	50	50
Frame	99.5 to 120	99.5 to 120	99.5 to 270
Front	120 to 430	120 to 270	120 to 570

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