

## Window and balcony door

### Issued to

### LEIAB Fönster AB

Box 141, 598 05 Mariannelund, Sweden

and produced in the manufacturing plant

LEIAB Fönster AB, Fagersjögatan 3, SE-598 97 Mariannelund, Sweden

### Product name

LKF1003, LKF953, LKF1273 and LKF1283, single leaf inward opening side hinged window.  
LUD1001HYE, LUD951H, LUD1271H and LUD1281HYE single or double leaf outward opening side hinged balcony door.

Product are made of aluminium clad timber. Further details of the products are listed in the appendix.

### Certificate

The window meets the requirements for class W and the balcony door for class D in accordance with PAS 24:2016 and RISE certification rules SPCR 187 dated 2017-11-21 with verified performance and specification as detailed on page 2-4 in this certificate.

The products also meet other relevant requirements in BS 6375-1:2015+A1:2016, BS 6375-2:2009, BS 6375-3:2009+A1:2013 and BS 644:2012.

### Marking

Marking of the door shall show name or trademark of the manufacturer, certification body, product name, certificate number, classification, reference to PAS 24:2016 and date of manufacture.

### Basis for certificate

Report no. 2P00362A from RISE, window  
Report no. 2P00362B from RISE, balcony door  
Report no. 2P03770A from RISE, balcony double door

### Validity

This certificate is valid until not longer than 2027-09-12. The validity of this certificate can be verified on RISE homepage.

### Miscellaneous

The manufacturer's in-house inspection is under surveillance by RISE in accordance with section 6 of SPCR 187. This certificate was first issued 2022-09-12.



Martin Tillander

## Performance

	<b>LKF1003, LKF953, LKF1273 and LKF1283 (window)</b>	<b>LUD1001HYE, LUD951H, LUD1271H and LUD1281HYE (balcony door)</b>
Category of duty: BS 6375-2:2009	N/A	Light
Weathertightness: BS 6375-1:2015+A1:2016	1600	2000
Behaviour between different climates: BS EN 12219:2000	Pass	Pass
Operating forces: BS EN 12217:2015 (door) BS EN 13115:2001 (windows)	Class 1	Class 1
Resistance to static torsion BS EN 13115:2001	Class 3	N/A for doors
Racking: BS EN 13115:2001	Class 3	N/A for doors
Impact resistance: BS EN 13049:2003	Class 0	N/A for doors
Mechanical strength: BS EN 1192:2000	N/A for windows	Class 3
Resistance to repeated opening and closing: BS EN 12400:2002	Class 3	Class 3
Radiation properties BS EN 410:2011	Solar factor 55 % Light transmission 73 %	Solar factor 56 % Light transmission 73%
Thermal transmittance, U-value: BS EN ISO 10077-2:2017	1.3 W/m <sup>2</sup> K	1.2 W/m <sup>2</sup> K
Acoustic performance: BS EN ISO 717-1:2020	R <sub>w</sub> (C; C <sub>tr</sub> ) = 37 (-2; -6) dB	R <sub>w</sub> (C; C <sub>tr</sub> ) = 37 (-2; -6) dB

## Appendix - Product description Window LKF1003, LKF953, LKF1273 and LKF1283

Single leaf, side hinged and inward opening window with triple glazing, up to 1500 mm wide and 1500 mm high.

Frame: Aluminium clad timber

Sash: Aluminium clad timber

Perimeter sealing details	Type	Size (mm)	Location
Sealant between frame and sash	EPDM	25x8,5	On sash rebate
Seal continuity	No interruption	-	-

Glazing	Type	Location
Glass type and configuration	Triple glazing with two panes of 6,76 mm laminated glass according to BS EN 356 class P1A.	-
Maximum unit size	1298x1298	-
Maximum sight size	1273x1273	-
Retaining bead	Aluminium with EPDM	-
Glazing clips	Glas pane is secured with silicone	-
Bead fixing	Snap on, made of aluminium	-
Sealants	EPDM	-
Sealant rebate	Silicone	Around the entire sash
Glazing securing blocks	No	-

Hardware	Type/positions	Size (mm)	Fixing details (dimensions in mm)
Hinges	Winkhaus activPilot	-	Screw 4,0x35
Locking mechanism	Winkhaus activPilot	-	Screw 4,0x28
Keeps	Winkhaus SBS H13-24	24x85	Screw 4,0x35
Handles	Hoppe 0710S/U26	-	Screw M5x55
Cylinder	Included in the handle	-	-

## Appendix - Product description Balcony door LUD1001HYE, LUD951H, LUD1271H and LUD1281HYE

Single or double leaf, side hinged outward opening balcony doors with 2 +1 glazing, up to 1800 mm wide and 2300 mm high.

Frame: Aluminium clad timber

Door leaf: Aluminium clad timber and glass

Threshold: Aluminium clad timber

Perimeter sealing details	Type	Size (mm)	Location
Sealant between frame and sash	EPDM	21x8,5	On sash rebate
Seal continuity	No interruption	-	-

Glazing	Type	Location
Glass type and configuration	2+1 glazing with 1 pane of 6,76 mm laminated glass according to BS EN 356 class P1A.	-
Unit size glass cassette	776x2104	-
Retaining bead	Plastic ASA	-
Glazing clips	Glas pane is secured with silicone	-
Bead fixing	Staples	-
Sealants	EPDM	-
Sealant rebate	Silicone	Around the entire sash
Glazing securing blocks	No	-

Hardware single leaf	Type/positions	Size (mm)	Fixing details (dimensions in mm)
Hinges	Dr Hahn Klemmband	24x151	Screw M6x14
Locking mechanism	Winkhaus activPilot, 5 locking points	-	Screw 3,9x25
Handles	Hoppe 0710VKS/U26	-	Screw 5,0x50
Cylinder	Included in the handle	-	-
Strike	Winkhaus SBS A.73	25x44	Screw 3,9x25

Hardware double leaf	Type/positions	Size (mm)	Fixing details (dimensions in mm)
Hinges	Dr Hahn Klemmband	24x151	Screw M6x14
Locking mechanism	Winkhaus activPilot, 7 locking points	-	Screw 3,9x25
Handles	Hoppe 0710VKS/U26	-	Screw 5,0x50
Cylinder	Included in the handle	-	-
Strike	Winkhaus SBS A.73	25x44	Screw 3,9x25