

**Evidence of burglar resistance testing for product family**  
417:1/AW-2023/Z2/E

**HANSEN MILLENNIUM**

Windows made of aluminum profiles: single casement, window screens and glazing fixed in frames.

Test report №	Specimen №	Date of testing	System name	System supplier	Producer	VAT №
417:1/AW-2023	417_1 A, 417_2 A/B, 417_3 A, 417_4 A, 417_5 A, 417_8 A, 417_9 A, 417_10 A	from 17-04-2023 to 07-08-2023	<b>Hansen MILLENNIUM G40 G40a G30 G30a G24 G24a</b>	Hansen Products	Hansen Polska ul. Lotniskowa 17, 36-060 Głogów Małopolski	517-018-30-54

**DESCRIPTION / COMPONENTS**

MILLENNIUM G40 system aluminum profiles which were used to production of test specimens	Non-systemic components
Profile: frame: <b>421793</b> (openable constructions)	glazing [class acc. PN-EN 356]: 44.4 [P4A] in IGU
Profile: frame: <b>421793</b> (fixed glazings)	Fixing manner: glued circumferentially
Profile: mullion: <b>422703</b>	Fixing: type [glue]: DOW DC 776
Profile: casement: <b>423153</b>	Fixing: type [adhesive tape]: Thermalbond V2100
	Window fittings hardware system: <b>ActivePilot SELECT (Winkhaus)</b>

[417_1 A] (bxh) 1250 X 2200 1-casement window	[417_2 A/B] (bxh) 1250 X 1405 1-casement window	[417_3 A] (bxh) 1050 X 1005 1-casement window	[417_4 A] (bxh) 800 X 800 1-casement window	[417_5 A] (bxh) 480 X 710 1-casement window

[417_6 A] (bxh) 3000 X 2200 Window screen	[417_7 A] (bxh) 2000 X 2000 Window screen	[417_8 A] (bxh) 2050 X 2200 Window screen (set)	[417_9 A] (bxh) 800 X 1400 1-casement window	[417_10 A] (bxh) 800 X 800 1-casement window

**TEST RESULTS**

Test signature	Intended class acc. PN-EN 1627:2021-11	Static loads acc. PN-EN 1628:2021-11	Dynamic loads acc. PN-EN 1629:2021-11	Manual attempt acc. PN-EN 1630:2021-11	Obtained class acc. PN-EN1627:2021-11
417:1/AW-2023	EN 1627:2021 RC2	Deflections not exceeded	No disqualification damage	Attained resistance time: 3 min.	EN 1627:2021 RC2

**FIELD OF APPLICATION**

Sketch acc. PN-EN 12519	The construction: Maximal and minimal total area	Sketch acc. PN-EN 12519	The construction: Maximal and minimal total area
	Glazing fixed in frame with area A: max.: 8,250 m <sup>2</sup> ; min. 0,330 m <sup>2</sup>		Single casement window, opening inwards, left or right handed, tilt&turn with area A: max.: 3,480 m <sup>2</sup> ; min. 0,256 m <sup>2</sup>
	Glazing fixed in frame, divided by mullion or mullions; with area A: max.: 8,250 m <sup>2</sup> ; min. 0,330 m <sup>2</sup>		Multiple set of glazings fixed in frames or single casements windows, connected by jambs of frames in manner described in classification report
	Glazing fixed in frame, divided by transom or transoms; with area A: max.: 8,250 m <sup>2</sup> ; min. 0,330 m <sup>2</sup>		Multiple set of glazings fixed in frames and single casements windows, connected by jambs of frames in manner described in classification report
	Glazing fixed in frame, divided by mullion and transom (T connection), also many mullions with area A: max.: 8,250 m <sup>2</sup> ; min. 0,330 m <sup>2</sup>		Multiple set of glazings fixed in frames or single casements windows, connected by vertical bars of frames in manner described in classification report
	Glazing fixed in frame, divided by mullions and transoms (T connection); with area A: max.: 8,250 m <sup>2</sup> ; min. 0,330 m <sup>2</sup>		Set (screen) of glazings fixed in frames or single casements windows, connected by jambs of frames and/or in manner described in classification report

Closing condition required to declare class EN 1627:2021 RC2 (openable constr.)

- ▶ Casement in closed position
- ▶ Locked window hardware
- ▶ Locked cylinders of handles locks
- ▶ Keys removed from lock cylinders

Additional requirements referring to installation in wall

The constructions shall be installed installed according to installation manual: "Instructions for installation and use Hansen Millennium", issued by Hansen Polska

Application of this extrapolation of dimensions is permitted only under condition, that during production the schemes of fittings, which are included in classification report and guidelines included in „Winkhaus activPilot Select – The fully concealed turn and tilt system“ issued by Winkhaus will be enforced



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