

Declaration of performance and conformity for Panorama roller shutter system

Declaration of performance

Manufacturer:

BiRoll GmbH, Brennermühlstraße 70a, 85452 Moosinning, Germany

Product description:

External shutter, BiRoll Panorama roller shutter system, aluminium front-mounted roller shutters, EPS top-mounted roller shutters, PVC top-mounted roller shutters

Purpose of use:

Roller shutter system for installation on the outside of buildings and other structures. When used as intended, the product meets the essential properties set out in the following standards.

Intended use:

Roller shutters are suitable for vertical installation as external protection of privacy, weather and temperature and are usually installed in front of a window or door. Their main purpose is protection of privacy in winter and summer, sun or heat protection.

The roller shutter systems are suitable for following climatic conditions:

- Up and down movement -10°C to +40°C with 0 to 95% humidity
- Use of the blind function from 0°C to 40°C at 0 to 95% humidity
- in rest position from -30°C to +60°C at 0 to 95% humidity


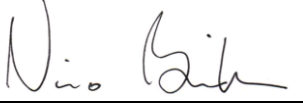
Restrictions apply to the following environmental influences:

The roller shutter systems are only partially suitable for salty air or water. These are not suitable for air or water containing chlorine. Contamination such as field,

pollen or road dust must be removed regularly in accordance with the operating and maintenance instructions.

Declared performance:

Essential features/performance	Standard	
Wind resistance class (0-6)	EN 13659:2009-01	Wind class see tables

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Wind resistance classes

The classification applies when using guide rails with a groove depth of at least 25 mm.

Width of curtain in cm	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290
Panorama / P. Safe	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4				
Panorama Combi ST	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4				
Panorama Combi RG	6	6	6	6	6	6	5	5	5	4	4	4	4	4	3	3				
Alu-Mini ST	6	6	6	6	6	6	5	5	5	4	4	4	4	4	3	3				
Alu-Mini RG	6	6	6	6	6	6	5	5	5	4	4	4	4	4	3	3	3	3	3	3

Declaration of conformity

Manufacturer:

BiRoll GmbH, Brennermühlstraße 70a, 85452 Moosinning, Germany

Product description:



Exterior shutter, BiRoll Panorama roller shutter system, aluminium front elements, hard foam attachment elements, plastic attachment elements, powered by electric motors

Purpose of use:

Roller shutter system for installation on the outside of buildings and other structures. The products named here correspond when used as intended Use with motor drive in accordance with the provisions of the Machinery Directive 2006/42/EC.

Applied standards

DIN EN 13659: 2015	External shutters – performance and safety requirements
DIN EN 60335-2-97	Safety of electrical systems for domestic use and similar purposes, Part 2-97: Special requirements for roller shutters, awnings, blinds and similar devices. Compliance with the protection objectives of the Low Voltage Directive 2014/35/EU was determined in accordance with Annex I No. 1.5.1. guaranteed by Directive 2006/42/EC.

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EN 13659 Shutters - For outdoor use only Wind resistance: see declaration of performance	