

# Test Report

## Resistance to wind load

Test report No.: 2021-0012-004\_en



**PLANECO**

DEVELOPMENT CONSULTANTS

Client **ROLKA S.A.**  
3rd klm of the old national road Katerini -Thessaloniki  
60062 Korinos Pierias  
Greece

Product **Add-on roller shutter box with lateral guides**

System Designation **RS PRF831**

Material **Roller shutter box: Aluminium  
Roller shutter guide: Aluminium  
Shutter curtains: Aluminium**

Shutter curtain **Lamella cross section: 31.5 mm x 8.5 mm**

Overall dimensions (WxH) **3,500 mm x 1,400 mm,  
1,600 mm x 2,500 mm**

Special features **-/-**

### Results

Resistance to wind loads according to EN 13659:2004+A1:2008

**W<sub>3,395</sub> x H<sub>1,215</sub> \*) Class: 5**

**W<sub>1,495</sub> x H<sub>2,300</sub> \*) Class: 6**

Non-harmonized version at the time of testing –

Resistance to wind loads according to EN 13659:2015

**W<sub>3,395</sub> x H<sub>1,215</sub> \*) Class: 5**

**W<sub>1,495</sub> x H<sub>2,300</sub> \*) Class: 6**

\*) visible curtain size

**PLANECO** Mon. EPE  
26 October 2023

Dr. Georgios Moustakidis  
General Manager

### Basis

EN 13659:2004+A1:2008  
Shutters - Performance  
requirements including safety

EN 13659:2015  
Shutters and external venetian  
blinds – Performance requirements  
including safety

\*)and corresponding national versions e.g. ΕΛΟΤΕΝ

EN 1932:2013-06  
External blinds and shutters –  
Resistance to wind loads – Method  
of testing an performance criteria

Method N°3:  
use of a pneumatic device

### Representation



### Test Rig

EPst/026348  
air/wind/water test rig  
Calibrated by ift Rosenheim

### Instruction for use

The results obtained can be used by  
the manufacturer for preparing the  
Declaration of Performance in  
accordance with the Construction  
Products Regulation 305/2011/EU.  
The provisions of the applicable  
product standard have to be  
observed.

### Validity

There is no time limit.

When using this document the up-  
to-dateness of above basis and the  
conformity of the product have to  
be observed.

The report contains a total of  
23 pages