

Test Report

Resistance to wind load

Test report No.: 2021-0012-011_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 PRF355**

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

Shutter curtain **Lamella cross section: 55.7 mm x 12.7 mm**

Overall dimensions (WxH) **4,000 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_{3,855} x H_{1,150} *) Class: 4

W_{1,455} x H_{2,250} *) Class: 6

Non-harmonized version at the time of testing –

Resistance to wind loads according to EN 13659:2015

W_{3,855} x H_{1,150} *) Class: 4

W_{1,455} x H_{2,250} *) Class: 6

*) visible curtain size

PLANECO Mon. EPE
20 December 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. EAOTEN
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