

Test Report

Resistance to wind load

Test report No.: 2021-0012-001_en

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 POL839

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

Shutter curtain Lamella cross section: 39.0 mm x 8.7 mm

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

Special features -/-

Results

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

W_{2,394} x H_{1,262} *) Class: 3

W_{1,294} x H_{2,300} *) Class: 6

Non-harmonized version at the time of testing –

Resistance to wind loads according to EN 13659:2015

W_{2,394} x H_{1,262} *) Class: 3

W_{1,294} x H_{2,300} *) Class: 6

*) visible curtain size

PLANECO Mon. EPE
11 February 2022



Dr. Georgios Moustakidis
General Manager



PLANECO

DEVELOPMENT CONSULTANTS

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. ΕΛΟΤ ΕΝ
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