# **Test Report**

Resistance to wind load

Test report No.: 2021-0012-006\_en



Client ROLKA S.A.

3rd klm of the old national road Katerini -Thessaloniki

60062 Korinos Pierias

Greece

Add-on roller shutter box with lateral guides Product

RS PRF977 System Designation

Material

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

Lamella cross section: 31.5 mm x 8.5 mm Shutter curtain

5,000 mm x 3,000 mm, Overall dimensions 2,500 mm x 3,300 mm (WxH)

Special features

Results

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

 $W_{4,810} \times H_{2,680}$  \*) Class: 5

**W**<sub>2,350</sub> **x H**<sub>2,970</sub>\*) **Class:** 6

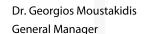
Non-harmonized version at the time of testing – Resistance to wind loads according to EN 13659:2015

 $W_{4,810} \times H_{2.680}$  \*) Class: 5

W<sub>2,350</sub> x H<sub>2,970</sub>\*) Class: 6

\*) visible curtain size

**PLANECO** Mon. EPE 06 December 2023



## **Basis**

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

Shutters and external venetian blinds – Performance requirements including safety

\*)and corresponding national versions e.g. EAOT EN

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 upto-dateness of above basis and the conformity of the product have to be observed.

The report contains a total of 24 pages