

Test Report

Resistance to wind load

Test report No.: 2021-0003-003_en



PLANECO

DEVELOPMENT CONSULTANTS

Client VIOMAL S.A.
Vatonta N.Artakis
34600 N.Artaki
Greece

Product Add-on roller shutter box with lateral guides

System Designation Roller shutter 225X230 with H39C

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

Shutter curtain Lamella cross section: 39 mm x 8.6 mm

Overall dimensions (WxH) Test specimen 1: 1400 mm x 2600 mm
Test specimen 2: 2200 mm x 1400 mm

Special features -/-

Results

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

W_{1,294} x H_{2,370} *) Class: 6

W_{2,094} x H_{1,170} *) Class: 5

Non-harmonized version at the time of testing –

Resistance to wind loads according to EN 13659:2015

W_{1,294} x H_{2,370} *) Class: 6

W_{2,094} x H_{1,170} *) Class: 5

*) visible curtain size

PLANECO Mon. EPE
01 March 2021

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. 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

LWW Test Rig – ETEM S.A.
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 14 pages