

Test Report

Resistance to wind load

Test report No.
2016-0012-001_en

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

Product	Add-on roller shutter box with lateral guides
System Designation	Roller shutter 245X250 with H55
Material	Roller shutter box: aluminium Roller shutter guide: aluminium Shutter curtains: aluminium
Shutter curtain	Lamella cross section: 55 mm x 13.2 mm
Overall dimensions (WxH)	Test specimen 1: 4,000 mm x 1,600 mm Test specimen 2: 2,000 mm x 3,000 mm
Special features	-/-

Results

Resistance to wind load – EN 13659

$W_{3,874} \times H_{1,355}$ *) **Class 4**

$W_{1,874} \times H_{2,755}$ *) **Class 6**

*) visible curtain size

PLANECO Mon. EPE
21. December 2016



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General Manager



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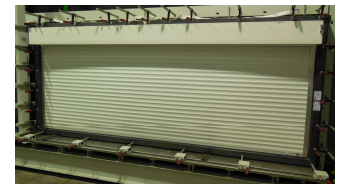
Basis

EN 13659 : 2015-05
Shutters and external venetian blinds – Performance requirements including safety

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

Method N°3:
use of a pneumatic device

Representation



Test Rig

LWW Test Rig – ETEM S.A. "ift"
Calibrated by ift Rosenheim

Instruction for use

This test report serves to prove the resistance to wind load. The results can be used by the manufacturer for issuing the declaration of performance in accordance with Regulation (EU) No 305/2011.

Validity

The data and results refer solely to the tested and de-scribed specimen. Classification remains valid as long as the product and the above basis remain un-changed. This test does not allow any statement to be made on any further characteristics regarding performance and quality of the construction presented.

The report contains a total of 17 pages