



Eterno Ivica S.r.l. - [www.eternoivica.com](http://www.eternoivica.com)

Via Austria n. 25/E 35127 Padova, Italy Fax +39 049 8530111  
Uff. Com. Italia vendite@eternoivica.com Tel +39 049 8530101  
Uff. Com. Estero export@eternoivica.com Tel +39 049 8530102  
Capitale sociale €uro 104.000,00 int. versato  
R.E.A. PD 118169 - Reg.Impr.PD/C.F./P.IVA 00339040289



Padua, 20th November 2018

## **Recommendations for laying the “SE/NM WINDPROOF SYSTEM (SEW/NMW)”**

Eterno Ivica s.r.l., on the basis of the information collected and the comparison with its clients' needs, has identified the evaluations in the test reports. These tests, created for the product configuration in the most unfavourable situations to a specific resistance, certify the product in the exclusive conditions of the test environment and in its modalities. This is not a warranty for all situations apart from the ones above mentioned.

None of the information contained in the test reports can replace or replace the risk analysis, the study and all that pertaining to architects, engineers, builders or project contractors. The choice of the most suitable solution and guarantee of safety in the installation conditions of the system, is not responsibility of Eterno Ivica srl.

The test is available on request. No reproduction or transmission by fax, email or other means is permitted without the specific authorization of Eterno Ivica srl.

Eterno Ivica srl  
Technical management

**TEST REPORT No. 355101**

Customer

**ETERNO IVICA S.r.l.**

Via Austria, 25/E - 35127 PADOVA (PD) - Italy

Name of sample\*

**“Windproof system for SE pedestals”**

Purpose of test:



**resistance to uniformly-distributed static loading  
(negative pressure) of raised access flooring by simulated  
wind suction**

Test results

**the sample resisted up to 600 Pa without visible damage,  
the test continued up to 700 Pa, negative pressure at which the  
floor tiles were detached following breakage of the lugs holding  
the pedestal components together**

(\*) according to that stated by the customer.

Bellaria-Igea Marina - Italy, 26 September 2018

Chief Executive Officer

.....

Date test requested:

14 May 2018

Order:

76629

Sample origin:

sampled and supplied by the customer

Identification of sample received:

2018/1359 dated 12 June 2018

Test date:

23 January 2018

Test site:

Istituto Giordano S.p.A. - Strada Erbosa Uno, 72 -  
47043 Gatteo (FC) - Italy

Contents

	Page
Description of sample*	2
Test apparatus	3
Test method	3
Environmental conditions during test	3
Test results	4

This document is made up of 4 pages and 1 annex and shall not be reproduced except in full without extrapolating parts of interest at the discretion of the customer, with the risk of favoring an incorrect interpretation of the results, except as defined at contractual level.

The results relate only to the sample examined, as received, and are valid only in the conditions in which the activity was carried out.

This document is the English translation of the test report No. 355101 dated 26 September 2018 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 31 January 2019.

The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

Chief Test Technician:

Dott. Ing. Paolo Bertini

Head of Security and Safety Laboratory:

Dott. Andrea Bruschi

Compiler: Agostino Vasini

Reviewer: Dott. Andrea Bruschi

Page 1 of 4

**Description of sample\***

The test sample comprises a portion of a raised access floor, overall size 3000 mm × 3000 mm, composed of:

- porcelain floor tiles, plan-view dimensions 596 mm × 596 mm and thickness 20 mm;
- single-tab metal clips for fastening tiles to pedestals;
- understructure of plastic stringerless pedestals with tilting head complete with plastic gasket.

Further details of the sample's characteristics can be seen in the Customer-supplied schematic drawings in Annex "A" herein.



**Sample photo**

(\* according to that stated by the Customer.



**Photo of a pedestal**

### **Test apparatus**

The test was carried out using a computerised semiautomatic control and measurement system consisting of:

- fan;
- digital pressure gauge.

### **Test method**

The test was carried out using methods agreed with the Customer.

The sample was fitted to the test rig and underwent the wind suction test with measurement of deformation whilst loaded.

More specifically, the test was performed in successive steps of 100 Pa until visible failure of the sample occurs.

### **Environmental conditions during test**

<b>Ambient temperature</b>	(29 ± 2) °C
<b>Relative humidity</b>	(50 ± 5) %

**Test results**

The sample resisted up to 600 Pa without visible damage, the test continued up to 700 Pa, negative pressure at which the floor tiles were detached following breakage of the lugs holding the pedestal components together.



**Photo of sample during testing**



**Close-up of detachment**

The results given refer exclusively to the test sample itself and are only valid under the same conditions in which testing was carried out.



**ANNEX "A"**  
**AL TEST REPORT No. 355101**

Customer

**ETERNO IVICA S.r.l.**  
Via Austria, 25/E - 35127 PADOVA (PD) - Italy

Name of sample\*

**"Windproof system for SE pedestals"**

Contents

**sample technical documentation**

Date test requested:

14 May 2018

Order:

76629

Sample origin:

sampled and supplied by the customer

Identification of sample received:

2018/1359 dated 12 June 2018

Test date:

23 January 2018

Test site:

Istituto Giordano S.p.A. - Strada Erbosa Uno, 72 -  
47043 Gatteo (FC) - Italy

(\*) according to that stated by the customer.

Bellaria-Igea Marina - Italy, 26 September 2018

This annex is made up of 2 pages.

Page 1 of 2

