



UNIVERSA  
UNIVERSIS  
PATAVINA  
LIBERTAS

# UNIVERSITÀ DEGLI STUDI DI PADOVA

DIPARTIMENTO DI INGEGNERIA CIVILE, EDILE E AMBIENTALE  
*Laboratorio Sperimentale per le Prove sui Materiali da Costruzione*  
DEPARTMENT OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING  
*Building materials testing Laboratory*

Sede: via Marzolo n. 11/A - 35131 PADOVA  
Segreteria: +39.049.827.5607

Fax: +39.049.827.5587  
e-mail: lab.materiali@dicea.unipd.it

## TEST REPORT N. 35342

Page 1/2

Applicant: Eterno Ivica S.r.l., via Austria n. 25/E - Z.I. - Padova

Application: Received at 29/06/2012

Object : Annex A at the test reports from n. 34730 to n. 34757

Material The "ETERNO" is an adjustable pedestal for raised floors. It is composed by a cylindrical base element (B), an intermediate screw element (V) threaded on the base. The intermediate screw element has a concave housing at the top for the self-levelling head element. The series from "SE6" to "SE14" have one or more extension element (P1) to increase the highness, threaded between the base element and the intermediate screw element.

The Table 1 summarizes the different composition of the support.

Table 1 Composition of "Eterno SE" adjustable pedestal.

Sample	Base type	Screw element type	Number of Extension element P1
SE1	B1	V1	-
SE2	B2	V2	-
SE3	B3	V3	-
SE4	B3	V4	-
SE5	B3	V5	-
SE6	B3	V3	1 x P1
SE7	B3	V4	1 x P1
SE8	B3	V5	1 x P1
SE9	B3	V3	2 x P1
SE10	B3	V4	2 x P1
SE11	B3	V5	2 x P1
SE12	B3	V3	3 x P1
SE13	B3	V4	3 x P1
SE14	B3	V5	3 x P1

### Testing method:

The testing machine software acquires the value of the force and the stroke of moving crossbar of the universal testing machine. The frequency of acquisition is 50 Hz. The values of maximum load ( $F_{max}$ ) are the values of load at first failure/rupture in case the collapse are with clear decrement of the load.

In case that the load presents a linear increment without deviation, the maximum load was limited in function of the deformation of the pedestal. The pedestal composition conditions the typical crossbar stroke used for define the maximum load.

Padova, November 28th, 2012

Laboratory Chief  
(Prof. **Claudio Modena**)

Department Chief  
(Prof. **Carmelo Majorana**)