



CLASSIFICATION REPORT No. 298632/3463FR

Place and date of issue: Bellaria-Igea Marina - Italy, 09/10/2012

Customer: SINIAT S.p.A. - Via Giovanni Gioacchino Winckelmann, 2 - 20146 MILANO (MI) - Italy

Specimen name: Tramezzo D125/75 (*D125/75 partition*)

Introduction

This fire resistance classification report defines the classification assigned to the vertical non-loadbearing element called "D125/75 partition" in accordance with the procedures given in standard UNI EN 13501-2:2009 dated 26/11/2009 "Fire classification of construction products and building elements - Part 2: Classification using data from resistance to fire tests, excluding ventilation services".

Details of specimen

Type of function

The vertical non-loadbearing element called "D125/75 partition" is a non-loadbearing wall.

It is designed to provide fire resistance in accordance with the performance characteristics set out under clause 5 of standard UNI EN 13501-2:2009.



LAB N° 0021

Comp. AV
Revis. FB

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This document is the English translation of the classification report No. 298632/3463FR dated 09/10/2012 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 11/02/2015.

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Description

The vertical non-loadbearing element called "D125/75 partition" is a non-loadbearing wall formed by a partition, nominal thickness 125 mm, comprising a galvanised-steel framework, nominal depth 75 mm, clad on both sides with a double layer of PregyLaDura BA 13 type "D, F, H1, I, R" gypsum plasterboard in accordance with standard UNI EN 520:2009, nominal thickness 12,5 mm and nominal weight 12,8 kg/m².

Test report and results supporting this classification report

This classification report is supported by the following test report.

Test Laboratory	Istituto Giordano S.p.A.
Laboratory address	Via Verga, 6 - 47043 Gatteo (FC) - Italy
Authorisation code	RN01FR07B1
Customer	SINIAT S.p.A. - Via Giovanni Gioacchino Winckelmann, 2 - 20146 MILANO (MI) - Italy
Test Report	No. 298632/3463FR dated 09/10/2012
Test date	30/07/2012

Exposure condition

Temperature/time curve	Standard (furnace temperature and pressure meet the requirements of standard UNI EN 1363-1:2001 dated 31/07/2001 "Fire resistance tests - General requirements", subclauses 5.1.1, 5.1.2 and 5.2.1)
Direction of exposure	One of the two faces exposed to fire* (test on 30/07/2012)
Number of exposed surfaces	1
Support conditions	No supporting construction

(*) The specimen is symmetrical.

Test results**Integrity**

	Test on 30/07/2012 with one of the two faces exposed to fire
Ignition of cotton pad	No ignition
Occurrence of sustained flaming	None
Passage of gap gauge of 6 mm diameter	No passage
Passage of gap gauge of 25 mm diameter	No passage

Insulation

	Test on 30/07/2012 with one of the two faces exposed to fire
Mean temperature rise on the unexposed face exceeds 140 °C	> 134 min
Maximum temperature rise on the unexposed face exceeds 180 °C	134 min

Classification and direct field of application**Reference of classification**

This classification has been carried out in accordance with clause 7.5.2 of standard UNI EN 13501-2:2009.

Classification

The vertical non-loadbearing element called "D125/75 partition" is classified according to the following combinations of performance parameters and classes.

No other classifications are permitted.

EI 120 (ONE HUNDRED AND TWENTY)

Field of direct application

In accordance with standard UNI EN 1364-1:2002, the vertical non-loadbearing element called "D125/75 partition" has the following field of direct application.

Type of change	Relevant clause of standard UNI EN 1364-1:2002	Possibility of change
Decrease in height	13.1 a)	Permitted
Increase in the thickness of the wall	13.1 b)	Permitted
Increase in the thickness of component materials	13.1 c)	Permitted
Decrease in linear dimensions of boards or panels but not thickness	13.1 d)	Permitted
Decrease in stud spacing	13.1 e)	Permitted
Decrease in distance of fixing centres	13.1 f)	Permitted
Increase in the number of horizontal joints when tested with one joint not more than 500 mm from the top edge	13.1 g)	Permitted
The use of surface fittings and fixtures when tested as illustrated in figure 10 with the fixture or fitting not more than 500 mm from the top edge	13.1 h)	Not allowed
Horizontal and/or vertical joints, of the type tested	13.1 i)	Permitted
Extension of width	13.2	Permitted
Extension of height to 4 m	13.3	Permitted
Standard supporting constructions	13.4.1	Not applicable
Non-standard supporting constructions	13.4.2	Not applicable

Rules for changes to supporting constructions

Not applicable.

Limitations

Restrictions

There are no restrictions on the duration of the validity of this classification report.

Warning

This report does not represent type approval or certification of the product.



Test Technician:
Dott. Geol. Franco Berardi

Head of Fire Resistance Laboratory:
Dott. Ing. Stefano Vasini

Chief Executive Officer
(Dott. Arch. Sara Lorenza Giordano)

