



CLASSIFICATION OF FIRE RESISTANCE PERFORMANCE IN ACCORDANCE WITH EN 13501-2: 2003

Sponsor:	Fischer Profil GmbH Waldstraße 67 57250 Netphen-Deuz Germany
Prepared by:	Centre for Fire Research Van Mourik Broekmanweg 6 P.O. Box 49 2600 AA DELFT
Notified Body No:	1234
Product name:	FischerTHERM LL100 sandwich panels
Classification report no.:	2006-CVB-R0142
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This classification report consists of four pages and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to element non-load bearing partition wall construction from vertically positioned FischerTHERM LL100 sandwich panels, in accordance with the procedures given in EN 13501-2:2003

2. Details of classified product

2.1 General

The element, non-load bearing partition wall construction from vertically positioned FischerTHERM LL100 sandwich panels, is defined as a non-load bearing partition wall construction

2.2 Product description

The element, non-load bearing partition wall construction from vertically positioned FischerTHERM LL100 sandwich panels, is fully described in the test reports provided in support of classification listed in Clause 3.1. a short description is given below.

Product description:

The sandwich panels were constructed from a pentane-blown polyisocyanurate core, density approximately 40 kg/m³, thickness 100 mm, with steel profiled sheets on both sides.

The wall was constructed by putting the panels together with a foam strip in the joints, but without screws or other mechanical fixings.

Connection to the supporting construction was done in a usual manner.

3. Test reports & test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports/extended application report Nos.	Test method / extended application rules & date
TNO Centre for Fire Research	Fischer Profil GmbH	2006-CVB-R0114	EN 1364-1

3.2 Test results

Test method & Test number	Parameter*	Results
EN 1364-1	Integrity cotton pad gap gauges sustained flaming Insulation T_{max} T_{avg}	not observed not reached 31 minutes 31 minutes not reached

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 7 of EN 13501-2:2003

4.2 Classification

The element, non-load bearing partition wall construction from vertically positioned FischerTHERM LL100 sandwich panels, is classified according to the following combinations of performance parameters and classes as appropriate.

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Fire resistance classification: EI30

4.3 Field of application

This classification is valid for the following end use applications:

- i) as internal and external partition wall

This classification is also valid for the following product variations:

vertical span (height)	maximum 4,00 m
width	not limited
wall thickness	approximately 100 mm and more
foam density	approximately 40 kg/m ³ and more; the foam formulation may not be changed

5. Limitations

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

SIGNED



W. Langstraat

APPROVED



Dr. F. Paap