Contact person
Anna Sandinge,cr
Fire Research
+46 10 516 59 73
anna.sandinge@sp.se

Accred. No. 1002
Testing
ISO/IEC 17025

ByggForm AS
Eternitveien 8
NO-3470 Slemmestad
Norge

Reaction to fire classification report.

1 Introduction

This classification report defines the classification assigned to the product “Moxi board” in accordance with the procedure given in EN 13501-1:2007+A1:2009.

2 Details of classified product

2.1 General

The product “Moxi board” is defined as a non-combustible board.

2.2 Product description

The product, “Moxi board”, is fully described below:

Product	Content	Thickness mm	Area weight kg/m^2	Density kg/m^3	Colour
Moxi board	Magnesium oxide Magnesium chloride Perlite	6	-	1200	White-grey

3 Test reports

3.1 Test reports

This classification is based on the test reports listed below:

Name of laboratory	Name of sponsor	Test report ref no	Accredited test method
SP	Byggform AS	5P07788	EN ISO 1182
SP	Byggform AS	5P07788-01	EN ISO 1716

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3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 1182		5		
	ΔT (°C)		8	Compliant
	Δm (%)		46.7	Compliant
	T_f (s)		0	Compliant
EN ISO 1716		3		
	PCS (MJ/kg)* (4)		1.08	Compliant

* : the product is homogeneous

(4): the parameter for the product as a whole

4 Classification and field of application

4.1 Reference and direct field of application

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2007+A1:2009.

4.2 Classification

The product called “Moxi board” in relation to its reaction to fire behaviour is classified:

A1

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation product is:

Fire Behaviour
A1

Reaction to fire classification: *A1*

4.3 Field of application:

This classification is valid for the following product parameters:

Density: 1200 kg/m^3.

Composition: See section 2.2 Product description.

The sample was delivered by the client. SP Fire Research was not involved in the sampling procedure.

5 Limitations

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

SP Technical Research Institute of Sweden
Fire Research - Fire Dynamics

Performed by

Anna Sandinge

Signed by: Anna Sandinge
Reason: I am the author of this document
Date & Time: 2015-12-21 14:45:59 +01:00

Anna Sandinge

Examined by

Per Thureson

Signed by: Per Thureson
Reason: I have reviewed this document
Date & Time: 2015-12-21 14:44:24 +01:00

Per Thureson