

External Exposure to Fire Classification Report

Elastoflex SA P 3,5 Mineral Antifire with a underlay of Elastoflex SA P 2 mm Antifire

Polyglass SPA
Via dell 'Artigianato, 34
IT-31047 Ponte di Piave (TV)
Italy

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1 SPONSOR

Polyglass SPA
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2 INTRODUCTION

This classification report defines the classification assigned to roof covering system "Elastoflex SA P 3,5 Mineral Antifire with a underlay of Elastoflex SA P 2 mm Antifire" in accordance with the procedures given in EN 13501-5:2005.

3 DETAILS OF ROOF COVERING SYSTEM

3.1 NATURE AND END USE APPLICATION

The roof covering system "Elastoflex SA P 3,5 Mineral Antifire with a underlay of Elastoflex SA P 2 mm Antifire" is defined as a reinforced bitumen sheet for roof waterproofing according to EN 13707 "Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing – Definitions and characteristics. Its classification is valid for the product that in the end use application is self-glued on plywood, cf. 5.3.

3.2 DESCRIPTION

The roof covering system "Elastoflex SA P 3,5 Mineral Antifire with a underlay of Elastoflex SA P 2 mm Antifire" is fully described in the test report in support of the classification listed in 4.1.



4 TEST REPORT AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1 TEST REPORT

Name of laboratory	Name of sponsor	Test report ref. No	Test method	Date of test
DBI	Polyglass SPA	PF13103a	ENV 1187 Test 2	2009-07-30

4.2 TEST RESULTS

Test conditions: self-glued

Test pitch: 30°

Substrate: Non- standard substrate of plywood with a measured density of 466 kg/m³.

Parameter	Criteria		Test results					Compliance Y/N
	Mean	Max	Spe.1	Spe.2	Spe.3	Mean	Max	
Damaged length at 2 m/s – roof covering	≤ 0,550 m	≤ 0,800 m	380	330	365	358	380	Y
Damaged length at 2 m/s – substrate	≤ 0,550 m	≤ 0,800 m	120	100	110	110	120	Y
Damaged length at 4 m/s – roof covering	≤ 0,550 m	≤ 0,800 m	450	455	440	448	455	Y
Damaged length at 4 m/s – substrate	≤ 0,550 m	≤ 0,800 m	50	50	50	50	50	Y

5 CLASSIFICATION AND FIELD OF APPLICATION

5.1 REFERENCE

This classification has been carried out in accordance with EN 13501-5:2005.

5.2 CLASSIFICATION

The roof covering system "Elastoflex SA P 3,5 Mineral Antifire with a underlay of Elastoflex SA P 2 mm Antifire" in relation to its external fire performance is classified: B_{ROOF}(t2).

5.3 FIELD OF APPLICATION

This classification is valid for the following conditions:

- any plywood substrate with density equal to or greater than 350 kg/m³.

6 LIMITATIONS

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


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