



breglobal

**Classification report for
roofs/roof coverings
exposed to external fire
in accordance with BS
EN 13501-5:
2005+A1:2009**

Prepared for:
Flex-R Ltd
Unit 5 Central Park
Bellfield Road
High Wycombe
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HP13 5HG

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Classification report no
282046A Issue 2



0578

4 Test results

Test conditions:

Test pitch: Flat
 Deck: As product description, Section 2
 Supporting structure As product description, Section 2

Preliminary test (stage 1)

Parameter	Criteria				Test result	Compliance			
	Class B _{ROOF(t4)}	Class C _{ROOF(t4)}	Class D _{ROOF(t4)}	Class E _{ROOF(t4)}		Class B _{ROOF(t4)}	Class C _{ROOF(t4)}	Class D _{ROOF(t4)}	Class E _{ROOF(t4)}
Burn time	< 5 min	< 5 min	< 5 min	≥ 5 min	0 sec	Y	-	-	-
Flame spread distance	< 0,38m	< 0,38m	< 0,38m	No limit	None	Y	-	-	-
Penetration	None	None	None	None	None	Y	-	-	-

Penetration test (stage 2)

Parameter	Criteria				Test results				Compliance			
	Class B _{ROOF(t4)}	Class C _{ROOF(t4)}	Class D _{ROOF(t4)}	Class E _{ROOF(t4)}	Specimen 1	Specimen 2	Specimen 3	Mean*	Class B _{ROOF(t4)}	Class C _{ROOF(t4)}	Class D _{ROOF(t4)}	Class E _{ROOF(t4)}
Penetration time	≥ 60 min	< 60 min > 30 min	≤ 30 min	≤ 30 min	60 min	60 min	60 min	60 min	Y	-	-	-

* If one or two of the specimens have not failed at one hour, a time of 60 min shall be used in calculating the mean time of penetration

