



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

Prepared for:  
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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 <sub>ROOF</sub> (t4)	Class C <sub>ROOF</sub> (t4)	Class D <sub>ROOF</sub> (t4)	Class E <sub>ROOF</sub> (t4)		Class B <sub>ROOF</sub> (t4)	Class C <sub>ROOF</sub> (t4)	Class D <sub>ROOF</sub> (t4)	Class E <sub>ROOF</sub> (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 <sub>ROOF</sub> (t4)	Class C <sub>ROOF</sub> (t4)	Class D <sub>ROOF</sub> (t4)	Class E <sub>ROOF</sub> (t4)	Specimen 1	Specimen 2	Specimen 3	Mean*	Class B <sub>ROOF</sub> (t4)	Class C <sub>ROOF</sub> (t4)	Class D <sub>ROOF</sub> (t4)	Class E <sub>ROOF</sub> (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												