



FH 4110

**Cone Calorimeter Test on Baresque
12 mm thick Durat**

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6. CLASSIFICATION IN ACCORDANCE WITH SPECIFICATION C1.10A OF THE BUILDING CODE OF AUSTRALIA (BCA) 2007

Calculations were carried out according to BCA 2008 Specification A2.4. The classification for Baresque 12 mm thick Durat are as follows:

| | Sample 1 | Sample 2 | Sample 3 | Classification |
|----------------|----------|----------|----------|----------------|
| Classification | Group 3 | Group 3 | Group 3 | Group 3 |

The average specific extinction area for the sample of 536.7m²/kg is greater than the 250 m²/kg limit and therefore Baresque 12 mm thick Durat may only be used in buildings with a sprinkler system complying with Specification E1.5 in accordance with Specification C1.10a Table 2.

7. CONCLUSION

The cone calorimeter testing was carried out on Baresque 12 mm thick Durat. For the purposes of compliance with the BCA 2008 Specification C1.10a for the Classification of Fire Performance of Wall and Ceiling Lining Materials, the following classification is considered applicable to the material as described below, and others in the same product range with the same fabrication and thickness as the product tested.

Product

Baresque 12 mm thick Durat.

Classification

Group 3

The average specific extinction area was greater than the 250 m²/kg limit (Baresque Durat recorded 536.7m²/kg).


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