
From: Howard, Stephen
Sent: 19 April 2017 15:33
To: Dave Cookson
Cc: Farrington, David
Subject: RE: BS8414 Test

David,

See below.

Stephen Howard

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From: Dave Cookson [mailto:Dave.Cookson@kingspan.com]
Sent: 13 April 2017 12:59
To: Howard, Stephen <Stephen.Howard@bre.co.uk>
Subject: BS8414 Test

Hi Stephen

For an up and coming test, we have detailed up aluminium cassettes:

- 1.) We can do up to large cassettes, for example max standard sizes: 610mmx1823mm, 3048mmx610mm, etc. For practical purpose we have detailed various sizes, but smaller eg typically 1555mmx484mm. This wouldn't place a size limitation on cassettes, would it?

The test and classification report will cover what you have tested. There would then need to be an assessment to cover different sizes. If you have different size cassettes, does the framing system/ fixings change to match the size of the cassette or are they fixed at the same intervals. If the framing and fixing remains consistent, then I would go for a small cassette size (more gaps).

- 2.) Also we can supply aluminium cassettes in anodised or polyester powder coated. We've detailed cassettes mill finish. Again does this have implications?

That is not a straightforward question as it depends on the thickness of the coating and what the coating does. If the panels you are producing are euroclass a1 or a2 with the powder coating (even if this is achieved via classification without test) then I would test without. If you need to coat with something that ends up as a Euroclass 'B', then you may need to think again and test with a coated panel. (this is because of Clause 12.5 in ADB recommending a Euroclass a2 for building with a story above 18m).

Kind regards

| **David Cookson**

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