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**From:** Terry Ashton  
**Sent:** 18 September 2014 16:21  
**To:** Neil Crawford  
**Subject:** RE: Grenfell Tower Cavity Fire barriers

Neil

A material which has a Class 0 rating is not necessarily non-combustible although the reverse is invariably true. Some Class 0 products will burn when exposed to a fully developed fire. In any case, you need to prevent fire spread from on flat to the flat above as I stated in my earlier email. What isn't clear from the information to hand is whether or not there is a continuous cavity from top to bottom in any part of the cladding (apart from around the column casings) irrespective of the type of insulation?

Kind regards

Terry

**Terry Ashton: Associate, Fire Engineering (Europe)**  
**Exova Warringtonfire**

T: [REDACTED] M: [REDACTED]  
Exova



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**From:** Neil Crawford [mailto:Neil@studioe.co.uk]  
**Sent:** 18 September 2014 16:07  
**To:** Terry Ashton  
**Subject:** FW: Grenfell Tower Cavity Fire barriers

Terry

Is this interpretation correct (see below)?

Regards  
Neil

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**From:** Daniel Anketell-Jones [mailto:Daniel@harleycw.co.uk]  
**Sent:** 18 September 2014 16:03  
**To:** Neil Crawford  
**Cc:** [slawrence@rydon.co.uk](mailto:slawrence@rydon.co.uk); Simon O'Connor ([SOConnor@rydon.co.uk](mailto:SOConnor@rydon.co.uk)); 1279 Grenfell Tower; Kevin Lamb  
**Subject:** RE: Grenfell Tower Cavity Fire barriers

Neil,

Thankyou for your response.

The insulation is class 0. Therefore after reading the correspondence below; I believe that the fire barrier in these locations, will not be necessary.

Can you confirm that this is acceptable?

Kind Regards

Daniel Anketell-Jones  
Design Manager



T- [REDACTED]  
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**From:** Neil Crawford [<mailto:Neil@studioe.co.uk>]  
**Sent:** 18 September 2014 15:50  
**To:** Daniel Anketell-Jones  
**Cc:** [slawrence@rydon.co.uk](mailto:slawrence@rydon.co.uk); Simon O'Connor ([SOConnor@rydon.co.uk](mailto:SOConnor@rydon.co.uk)); 1279 Grenfell Tower; Kevin Lamb  
**Subject:** FW: Grenfell Tower Cavity Fire barriers

Daniel

Please see correspondence relating to RFI 001/ Cavity Barrier requirement below.

Regards  
Neil

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**From:** Terry Ashton [<mailto:Terry.Ashton@Exova.com>]  
**Sent:** 18 September 2014 15:32  
**To:** Neil Crawford  
**Subject:** RE: Grenfell Tower Cavity Fire barriers

Neil

If the insulation in the cavities behind the rainscreen cladding is combustible you will need to provide cavity barrier as shown on your drawing (number 1279 (06) 120) in order to prevent fire from spreading from one flat to the one above even if there isn't a continuous cavity from the top to the bottom of the building.

Kind regards

Terry

**Terry Ashton:** Associate, Fire Engineering (Europe)  
**Exova Warringtonfire**  
T: [REDACTED] M: [REDACTED]  
Exova



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**From:** Neil Crawford [<mailto:Neil@studioe.co.uk>]  
**Sent:** 18 September 2014 12:18  
**To:** Terry Ashton  
**Cc:** 1279 Grenfell Tower  
**Subject:** RE: Grenfell Tower Cavity Fire barriers

Hi Terry

Please see attached our sections and the initial drawings set we have had from Harleys. The initial drawings from Harleys are fairly limited but they attempt to establish the basic approach.

Regards  
Neil

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**From:** Terry Ashton [<mailto:Terry.Ashton@Exova.com>]  
**Sent:** 18 September 2014 11:33  
**To:** Neil Crawford  
**Subject:** RE: Grenfell Tower Cavity Fire barriers

Neil

I've never seen details of what you're doing to the external walls. Do you have any cross sections/elevations?

Kind regards

Terry

**Terry Ashton:** Associate, Fire Engineering (Europe)  
**Exova Warringtonfire**  
T: [REDACTED] M: [REDACTED]  
Exova



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**From:** Neil Crawford [<mailto:Neil@studioe.co.uk>]  
**Sent:** 18 September 2014 11:08  
**To:** Terry Ashton  
**Cc:** [slawrence@rydon.co.uk](mailto:slawrence@rydon.co.uk); Simon O'Connor ([SOConnor@rydon.co.uk](mailto:SOConnor@rydon.co.uk)); 1279 Grenfell Tower  
**Subject:** FW: Grenfell Tower Cavity Fire barriers

Hi Terry

I am working on the Grenfell Tower regeneration project from the Studio E end. The following RFI has come in relating to horizontal fire breaks within the cladding areas.

Can you comment on the RFI attached and whether you believe this interpretation in relation to stack effect is correct?

Regards  
Neil

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**From:** Daniel Anketell-Jones [<mailto:Daniel@harleycw.co.uk>]  
**Sent:** 17 September 2014 14:23  
**To:** Simon Lawrence; Simon O'Connor; Neil Crawford; Bruce Sounes  
**Cc:** Kevin Lamb  
**Subject:** Grenfell Tower Cavity Fire barriers

Simon,



Please find attached RFI001 which relates to the requirement of firebreaks. This may be something that has already been decided, or may need confirmation from the local fire officer, as the opinion tends to vary.

Kind Regards

Daniel Anketell-Jones  
Design Manager



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