
From: [Kjetil Bogstad](#)
To: [Graham Perrin](#)
Cc: ["Greg Hand"](#)
Subject: Protecta FR Collar - Composite Floor
Date: Wednesday, 20 October 2021 9:50:21 PM

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email: kjetil.bogstad@polyseam.com

Hi Graham,

The fire seal (collar and acrylic) are all placed above the slab, so there is no minimum requirements for the thickness of the concrete.

Kind regards,
Kjetil

From: Graham Perrin <graham@firestopcentre.co.nz>
Sent: 19 October 2021 23:19
To: Kjetil Bogstad <kjetil.bogstad@polyseam.com>
Cc: 'Greg Hand' <greg@firestopcentre.co.nz>
Subject: RE: New upgrade - Protecta FR Collar

Thanks Kjetil – found that.
The installation instructions say the following

Rigid floors must have a minimum thickness of 150mm (except composite floors) and comprise aerated concrete or concrete with a minimum density of 650 kg/m³.

So what I can't find is how thin we are allowed to have the section where the pipe penetrates (the topping) – clearly it can be less than the full 150mm of the basic slab – how thin can we go?

Regards
Graham

From: Kjetil Bogstad <kjetil.bogstad@polyseam.com>
Sent: Tuesday, 19 October 2021 9:38 PM
To: Graham Perrin <graham@firestopcentre.co.nz>
Cc: 'Greg Hand' <greg@firestopcentre.co.nz>
Subject: RE: New upgrade - Protecta FR Collar

Hi Graham,

In the ETA, attached, you will find this on page 5, section 3.
This was an assessment done by UL based on our approvals for top faced collars, which obviously will also work in composite floors.
You can also find these in the installation instructions, pages 39 to 40.

Kind regards,
Kjetil

From: Graham Perrin <graham@firestopcentre.co.nz>

Sent: 19 October 2021 00:33

To: Kjetil Bogstad <kjetil.bogstad@polyseam.com>

Cc: 'Greg Hand' <greg@firestopcentre.co.nz>

Subject: RE: New upgrade - Protecta FR Collar

Hi Kjetil

Back in January you mentioned that the new Collar ETA included composite floors. (see bullet point 4 below). Can you tell me what systems you are referring to?

Thanks

Graham

From: Kjetil Bogstad <kjetil.bogstad@polyseam.com>

Sent: Friday, 15 January 2021 5:09 AM

To: Kjetil Bogstad <kjetil.bogstad@polyseam.com>

Subject: New upgrade - Protecta FR Collar

Dear Protecta® Distributor,

Happy New Year! I hope you are all well.

We have the pleasure of informing you of a new comprehensive upgrade in the Protecta portfolio, for the FR Collar products.

The upgrade includes amongst other things the following:

- Comprehensive approvals for services through timber walls and floors is added.
- In rigid walls, most common pipes can now be fire sealed with a single collar.
- Minimum required thickness of wall constructions has been reduced from 100mm to 75mm.
- Approvals for some services through composite floors is added.
- Approvals for plastic pipes and cable conduits in a bundle is added, in all constructions.
- Approvals for plastic pipes, both PE and PP with elastomeric insulations is added, in all constructions.
- Approvals for copper, steel and alupex pipes with elastomeric insulations is added, in all constructions.
- Approvals for PP pipes now includes PP-MV, PP-H, PP-R and similar, and PE pipes includes PE-LD, PE-MD, PE-HD, PE-X and similar.
- Large plastic pipes in walls has now increased scope of sizes and pipe wall thicknesses.
- Uponor Decibel pipes is added to the composite pipe sections, in all constructions.

- PE pipes in 120mm drywalls and in rigid walls has now an increased scope.
- PP pipes in floors has now an increased scope with the 30mm version.
- Approvals for top face collars in floors has been improved.
- Approvals for bundles of PEX pipes has been added to the floor section.

Please find attached the upgraded documents, and if you have any questions, please do contact me.

Kind regards,
Kjetil


Kjetil Bogstad
CEO


Protecta

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