

Certificate of Product Approval

Certificate Number: 1833a

Issue: 01

Devar International Holdings PTY Limited

3 Skirmish Court
Victoria Point
Queensland
Australia
4165

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) as detailed below:

Products

Floor Penetration Seals

Sure Snap cast in Fire collars

H65S

H100S

H110S

H150S

Standards

LPS 1132: Issue 4.2

Requirements and Tests for LPCB Approval of Wall and Floor Penetration and Linear Gap Seals.

This Certificate is maintained and held in force through regular surveillance activities.



Signed for BRE Global Ltd.

Chris White

Certification Scheme Manager

10 February 2025

Date of Issue

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Appendix to Certificate No: 1833a Devar International Holdings PTY Limited

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PVC Pipes

Product Name	Nominal Pipe Diameter Range* (mm)	Nominal Pipe Wall Thickness Range* (mm)	Measured Pipe Diameter Range (mm)	Measured Pipe Wall Thickness Range (mm)	Fire Resistance EI Insulation (minutes)	Fire Resistance E Integrity (minutes)	LPCB Ref. No.
H65S	40 to 65	3.0 to 4.7	40 to 63	3.3 to 5.1	180	240	1833a/01
H100S	50 to 100	2.0 to 6.6	55 to 110	2.0 to 7.2	180	180	1833a/02
H110S	50 to 100	2.0 to 6.6	55 to 110	2.0 to 7.2	180	180	1833a/03
H150S	100 to 160	2.0 to 9.5	110 to 160	3.3 to 10.3	120	120	1833a/04

PVC Pipes with pipe sockets within fire collar

Product Name	Nominal Pipe Diameter Range* (mm)	Nominal Pipe Wall Thickness Range* (mm)	Measured Pipe Diameter Range (mm)	Measured Pipe Wall Thickness Range (mm)	Measured Socket Wall Thickness Range (mm)	Fire Resistance EI Insulation (minutes)	Fire Resistance E Integrity (minutes)	LPCB Ref. No.
H65S	40 to 65	3.0 to 4.7	40 to 63	3.5 to 5.0	3.5 to 5.0	180	240	1833a/01
H100S	50 to 100	2.0 to 6.6	50 to 110	2.0 to 7.3	2.0 to 7.0	180	180	1833a/02
H110S	50 to 100	2.0 to 6.6	50 to 110	2.0 to 7.3	2.0 to 7.0	180	180	1833a/03
H150S	100 to 150	6.2 to 9.5	110 to 160	6.4 to 10.1	7.0 to 10.8	120	180	1833a/04

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PP Pipes

Product Name	Nominal Pipe Diameter Range* (mm)	Nominal Pipe Wall Thickness Range* (mm)	Measured Pipe Diameter Range (mm)	Measured Pipe Wall Thickness Range (mm)	Fire Resistance EI Insulation (minutes)	Fire Resistance E Integrity (minutes)	LPCB Ref. No.
H65S	40 to 50	1.8	40 to 50	2.2 to 2.3	180	240	1833a/01
H110S	50 to 110	1.8 to 3.4	50 to 110	2.1 to 3.8	120	180	1833a/02
H150S	160	3.9 to 4.9	160	4.6 to 5.2	120	120	1833a/04

PP Pipes with pipe bell end within fire collar

Product Name	Nominal Pipe Diameter Range* (mm)	Nominal Pipe Wall Thickness Range* (mm)	Measured Pipe Diameter Range (mm)	Measured Pipe Wall Thickness Range (mm)	Measured Pipe Bell End Wall Thickness Range (mm)	Fire Resistance EI Insulation (minutes)	Fire Resistance E Integrity (minutes)	LPCB Ref. No.
H65S	40 to 50	1.8	40 to 50	1.8 to 2.7	1.8 to 2.7	180	240	1833a/01
H110S	50 to 110	1.8 to 3.4	50 to 110	2.2 to 3.8	2.2 to 3.8	180	240	1833a/02
H150S	110	3.4	110	3.4	3.4	180	240	1833a/04

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PE-HD Pipes

Product Name	Nominal Pipe Diameter Range* (mm)	Nominal Pipe Wall Thickness Range * (mm)	Measured Pipe Diameter Range (mm)	Measured Pipe Wall Thickness Range (mm)	Fire Resistance EI Insulation (minutes)	Fire Resistance E Integrity (minutes)	LPCB Ref. No.
H65S	25 to 63	2.0 to 5.8	26 to 64	3.0 to 6.4	120	240	1833a/01
H100S	50 to 110	3.0 to 10.0	50 to 110	3.4 to 10.9	120	120	1833a/02
H110S	50 to 110	3.0 to 10.0	50 to 110	3.4 to 10.9	120	120	1833a/03
H150S	110 to 160	4.2 to 14.6	110 to 160	4.2 to 15.4	120	120	1833a/04

PE-X Pipes

Product Name	Nominal Pipe Diameter Range* (mm)	Nominal Pipe Wall Thickness Range * (mm)	Measured Pipe Diameter Range (mm)	Measured Pipe Wall Thickness Range (mm)	Fire Resistance EI Insulation (minutes)	Fire Resistance E Integrity (minutes)	LPCB Ref. No.
H65S	15 to 63	2.6 to 8.6	16 to 63	3.1 to 9.7	90	90	1833a/01

*Note: The nominal pipe diameter and wall thickness ranges are provided for information only. If the nominal pipe dimensions for a specific pipe fall within the limits detailed above but the measured dimensions do not, the pipe is not covered by the scope of this extended application report.

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Notes:

1. All Sure Snap cast in fire collars tested though concrete floor slabs of thickness 150mm and an average density of 2240Kg/m³ in accordance with EN 1366 Part 3: 2009.
2. An increase in thickness of the supporting construction is permitted. However, the collar must be installed flush with the underside of the floor slab.
3. A decrease in the thickness and density of the floor slab tested is not permitted.
4. The LPCB ref. 1833a/01 H65S, 1833a/02 H100S, 1833a/03 H110S and 1833a/04 H150S cast in fire collars is supported by the EXAP report P104650-1003 Issue 3.
5. Reference should be made to the manufacturer's installation instructions and BRE test reports mentioned in EXAP report P104650-1003 Issue 3.
6. Fire resistance performance of the systems will be dependent on the type, diameter (nominal and measured) and wall thickness of the pipe as detailed in the above tables.
7. See further information in the EXAP report P104650-1003 Issue 3, where stated silicone sealant to be used – Sika Everbuild Everflex LMA 200 constructor's sealant.
8. See further information in the EXAP report P104650-1003 Issue 3, where stated non-shrink grout to be used – Weber Saint Gobain non-shrink general construction grout.
9. See further information in the EXAP report P104650-1003 Issue 3, with reference to the seal method for the various specifications tested.
10. All of the products LPCB ref 1833a/01, 1833a/02, 1833a/03 and 1833a/04 have capped and uncapped designated as U/U, U/C, C/U & C/C.

Manufacturing location:

Snap Fire Systems Pty Ltd
1343 Wynnum Road
Tingalpa
Queensland
Australia
4173 (FPC C1457)

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