

Certificate of Product Approval

Certificate Number: 1457a

Issue: 03

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

Suresnap cast in Fire collars
H65S
H100S
H110S
H150S

Standards

LPS 1132: Issue 4

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

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Signed for BRE Global Ltd.

Karen Coull

Certification Scheme Manager

19 June 2020

Date of Issue

11 March 2020

Date of First Issue



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LPCB is a registered trademark of BRE (the Building Research Establishment Ltd.)



Appendix to Certificate No: 1457a

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DEVAR INTERNATIONAL HOLDINGS PTY LIMITED

Product Name	Pipe Diameter (mm)	Pipe Type (note 13)	Pipe wall thickness (mm)	Fire Resistance Integrity E (minutes)	Fire Resistance Integrity I (minutes)	Capped/ Uncapped	Seal within Sleeve	LPCB Ref. No.
H65S	40	PVC	3.0	240	180	U/U, U/C, C/U & C/C	Silicone 10mm Depth (note 11)	1457a/01
H65S	65	PVC	4.7	240	240	U/U, U/C, C/U & C/C	n/a	1457a/01
H100S	50	PVC	2.0	240	180	U/U, U/C, C/U & C/C	n/a	1457a/02
H100S	100	PVC	3.2	240	240	U/U, U/C, C/U & C/C	n/a	1457a/02
H110S	50	PVC	2.0	240	240	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/03
H110S	100	PVC	3.2	180	180	U/U, U/C, C/U & C/C	n/a	1457a/03
H110S	100	PVC	3.2	180	180	U/U, U/C, C/U & C/C	Silicone 10mm depth (note 11)	1457a/03

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H150S	100	PVC	3.2	120	120	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/04
H150S	150	PVC	2.0	120	120	U/U, U/C, C/U & C/C	n/a	1457a/04
H65S	40	PVC ¹	3.0	240	180	U/U, U/C, C/U & C/C	Silicone 10mm depth (note 11)	1457a/01
H65S	65	PVC ¹	4.7	240	240	U/U, U/C, C/U & C/C	n/a	1457a/01
H100S	50	PVC ¹	2.0	240	180	U/U, U/C, C/U & C/C	n/a	1457a/02
H100S	100	PVC ¹	3.2	240	180	U/U, U/C, C/U & C/C	n/a	1457a/02
H110S	50	PVC ¹	3.7	180	180	U/U, U/C, C/U & C/C	n/a	1457a/03

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H110S	100	PVC ¹	6.6	180	180	U/U, U/C, C/U & C/C	n/a	1457a/03
H150S	100	PVC ¹	6.6	180	120	U/U, U/C, C/U & C/C	n/a	1457a/04
H150S	150	PVC ¹	9.5	180	120	U/U, U/C, C/U & C/C	n/a	1457a/04
H65S	40	PP	1.8	240	240	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth CB backer, PE 5mm around pipe (note 12)	1457a/01
H65S	50	PP	1.8	240	180	U/U, U/C, C/U & C/C	Silicone 10mm depth, PE 5mm around pipe (note 11)	1457a/01
H110S	50	PP	1.8	180	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth CB backer, PE 5mm around pipe (note 12)	1457a/03
H110S	110	PP	2.7	180	120	U/U, U/C, C/U & C/C	PE 5mm around pipe	1457a/03

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Product Name	Pipe Diameter (mm)	Pipe Type (note 13)	Pipe wall thickness (mm)	Fire Resistance Integrity E (minutes)	Fire Resistance Integrity I (minutes)	Capped/ Uncapped	Seal within Sleeve	LPCB Ref. No.
H150S	160	PP	3.9	120	120	U/U, U/C, C/U & C/C	PE 5mm around pipe	1457a/04
H150S	160	PP	4.9	180	120	U/U, U/C, C/U & C/C	n/a	1457a/04
H65S	40 to 50	PP ¹	1.8	240	180	U/U, U/C, C/U & C/C	Silicone 10mm depth (note 11)	1457a/01
H110S	50	PP ¹	1.8	90	90	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/03
H110S	110	PP ¹	3.4	240	180	U/U, U/C, C/U & C/C	n/a	1457a/03
H150S	110	PP ¹	3.4	240	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth CB backer, PE 5mm around pipe (note 12)	1457a/04
H65S	32	PE-HD	3.0	240	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/01

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H65S	63	PE-HD	3.0	240	240	U/U, U/C, C/U & C/C	n/a	1457a/01
H65S	25	PE-100	2.0	240	120	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/01
H65S	63	PE-100	5.8	240	240	U/U, U/C, C/U & C/C	n/a	1457a/01
H100S	50	PE-HD	3.0	180	180	U/U, U/C, C/U & C/C	n/a	1457a/02
H100S	110	PE-HD	4.2	240	240	U/U, U/C, C/U & C/C	n/a	1457a/02
H110S	50	PE-HD	3.0	120	120	U/U, U/C, C/U & C/C	n/a	1457a/03
H110S	50	PE-100	4.6	180	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/03

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H110S	110	HDPE	4.0	180	120	U/U, U/C, C/U & C/C	n/a	1457a/03
H110S	110	PE-HD	4.3	180	180	U/U, U/C, C/U & C/C	n/a	1457a/03
H110S	110	PE-100	10.0	180	180	U/U, U/C, C/U & C/C	n/a	1457a/03
H150S	110	PE-HD	4.2	240	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/04
H150S	110	PE-100	10.0	240	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/04
H150S	160	PE-HD	6.2	120	120	U/U, U/C, C/U & C/C	n/a	1457a/04
H150S	160	PE-100	14.6	240	180	U/U, U/C, C/U & C/C	n/a	1457a/04

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H65S	15	PE-X	2.6	240	180	U/U, U/C, C/U & C/C	Grout Backfill 30mm Depth, CB backer (note 12)	1457a/01
H65S	63	PE-X	8.6	90	90	U/U, U/C, C/U & C/C	n/a	1457a/01

Notes:

- All Suresnap cast in fire collars tested through concrete floor slabs of thickness 150mm and an average density of 2240Kg/m³ in accordance with EN 1366 Part 3: 2009.
- An increase in thickness of the supporting construction is permitted. However, the collar must be installed flush with the underside of the floor slab.
- A decrease in the thickness and density of the floor slab tested is not permitted.
- The LPCB ref. 1457a/01 H65S cast in fire collars is supported by test reports P112838-1002 Issue 1, P112838-1003 Issue 3, P112838-1004 Issue 1, P112838-1006 Issue 1 & P112838-1007 Issue 1.
- The LPCB ref. 1457a/02 H100S cast in fire collars is supported by test reports P112838-1001 Issue 1.
- The LPCB ref 1457a/03 H110S cast in fire collars is supported by test reports P112838-1000 Issue 1, P112838-1002 Issue 1, P112838-1003 Issue 3, P112838-1005 Issue 2, P112838-1006 Issue 1 & P112838-1007 Issue 1.
- The LPCB ref. 1457a/04 H150S cast in fire collars is supported by test reports P112838-1000 Issue 1, P112838-1003 Issue 3, P112838-1004 Issue 1, P112838-1005 Issue 2, P112838-1006 Issue 1 & P112838-1007 Issue 1.
- Reference should be made to the manufacturer's installation instructions and BRE test reports above.
- Fire resistance performance of the system will be dependent on the type, diameter and wall thickness of the pipe as detailed in the above tables.
- Where stated silicone sealant to be used – Sika Everbuild Everflex LMA 200 contractor's sealant.
- Where stated non-shrink grout to be used – Weber Saint Gobain non-shrink general construction grout.
- Please note in the seal within grout column, where "CB backer" is used it refers to cardboard backer/gasket.
- The pipe type used for products H65S, H100S, H110S and H150S are as below.

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Appendix to Certificate No: 1457a DEVAR INTERNATIONAL HOLDINGS PTY LIMITED

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PVC – PVC pipes with no pipe coupling within fire collar
PVC¹ – PVC pipes with pipe coupling within fire collar
PP – PP pipes with no pipe coupling within fire collar
PP¹ – PP pipes with pipe coupling within fire collar
PE-HD – PE-HD pipes with no pipe coupling within fire collar.
PE-X – PE-X pipes with no pipe coupling within fire collar.
Manufacturing location:

Snap Fire Systems Pty Ltd
1343 Wynnum Road
Tingalpa
Queensland
Australia
4176 (FPC C1457)

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