

Certificate of Product Approval

Certificate Number: 1033a

Issue: 04

Aalberts Integrated Piping Systems B.V.

Oude Amersfoortseweg 99
1212 AA
Hilversum
The Netherlands



is certified by BRE Global Ltd. and 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) detailed below:

Products

VSH XPress Lightweight Galvanised Steel Pipework System

(Refer to attached appendix for details)

Standards

TS1599: Issue draft 5

Requirements and testing procedures for the LPCB approval and listing of press-fit pipe and couplings / fittings

This certificate and appendix is maintained and held in force through regular surveillance activities

S. A. Colwell

Signed for BRE Global Ltd.

Sarah Colwell
Verifier

16 September 2020
Date of Issue

1 April 2011
Date of First Issue



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Appendix to Certificate No: 1033a Aalberts Integrated Piping Systems B.V.

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VSH XPress Lightweight Galvanised Steel Pipework System to TS1599: Issue draft 5

Product	Description	Size (mm)	LPCB Ref. No.
C 1461	Galvanised tube	22, 28, 35, 42, 54	1033a/01
C 1401	Straight Coupling (2 x press)	22, 28, 35, 42, 54	1033a/02
C 1403	Slip Coupling (2 x press)	22, 28, 35, 42, 54	1033a/03
C 1408	90° Elbow (2 x press)	22, 28, 35, 42, 54	1033a/04
C 1411	90° Elbow (press x plain end)	22, 28, 35, 42, 54	1033a/05
C 1413	45° Elbow (2 x press)	22, 28, 35, 42, 54	1033a/06
C 1412	45° Elbow (press x plain end)	22, 28, 35, 42, 54	1033a/07
C 1425	90° Bend (2 x plain end)	22, 28, 35, 42, 54	1033a/08
C 1417	Cross over (2 x plain end)	22, 28	1033a/09
C 1414	Tee equal (3 x press)	22, 28, 35, 42, 54	1033a/10
C 1415	Tee reduced (3 x press)	22x28x22, 28x22x28, 35x22x35, 35x28x35, 42x22x42, 42x28x42, 42x35x42, 54x22x54, 54x28x54, 54x35x54, 54x42x54	1033a/11

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Product	Description	Size (mm)	LPCB Ref. No.
C 1418	Tee threaded (press x fem. thread x press)	22x1/2"x22, 22x3/4"x22, 28x1/2"x28, 28x3/4"x28, 28x1"x28, 35x1/2"x35, 35x3/4"x35, 35x1"x35, 42x1/2"x42, 42x3/4"x42, 42x1"x42, 54x1/2"x54, 54x3/4"x54, 54x1"x54	1033a/12
C 1407	Reducer (plain end x press)	28x22, 35x22, 35x28, 42x28, 42x35, 54x35, 54x42,	1033a/13
C 1439	Reducer (2 x press)	28x22	1033a/14
C 1433	Straight connector (plain end x female thread)	22x1/2", 22x3/4"	1033a/15
C 1402	Straight connector (press x female thread)	22x1/2", 22x3/4", 28x1/2", 28x3/4", 28x1", 35x1/2", 35x3/4", 35x1", 35x1 1/4", 42x1 1/2", 54x2"	1033a/16
C 1405	Straight connector (press x male thread)	22x1/2", 22x3/4", 22x1", 28x3/4", 28x1", 35x1", 35x1 1/4", 42x1 1/2", 54x2"	1033a/17
C 1435	Straight union (press x male thread)	22x3/4", 28x1", 35x1 1/4", 42x1 1/2", 54x2"	1033a/18
C 1428	90° Angle adaptor (press x male thread)	22x3/4"	1033a/19
C 1430	90° Elbow (press x male thread)	22x3/4", 28x1", 35x1 1/4", 42x1 1/2", 54x2",	1033a/20
C 1438	90° Elbow (press x female thread)	22x1/2", 22x3/4", 28x1/2", 28x3/4", 28x1", 35x1/2", 35x3/4", 35x1"	1033a/21
C 1442	Transition connector (press x grooved)	28x33.7, 35x42.4, 42x48.3, 54x60.3	1033a/22
C 1429	Stop end (1 x press)	22, 28, 35, 42, 54	1033a/23

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Product	Description	Size (mm)	LPCB Ref. No.
C 1443	Slip coupling (press x female thread)	22x1/2", 22x3/4", 28x1/2", 28x3/4"	1033a/24
C 1409	Angle adaptor (press x female thread)	22x1/2", 28x1/2", 35x1/2"	1033a/25
C 1444	Straight union (press x female thread)	22x3/4", 28x1", 35x1 1/4", 42x1 1/2", 54x2"	1033a/26
C 1446	Coupling with nut (press x female thread)	22, 28, 35, 42, 54	1033a/27

Notes:

1. The above VSH XPress pipework and fittings are to be installed using the Novopress ECO301, ACO201, ACO202, ECO201, ECO202, EFP2, EFP202 and Klauke UAP2 pressing tools in accordance with the VSH User Manual. These tools shall be serviced and maintained in accordance with the manufacturer's stated guidelines.
2. VSH XPress pipework and fittings may only be installed by LPCB Approved Sprinkler Contractors who have undergone adequate training by the manufacturer.
3. VSH XPress pipework and fittings shall be installed in accordance with the VSH User Manual: XPress Sprinkler EN-12-1.0.
4. VSH XPress pipework and fittings shall be installed and maintained in conformance with the LPC Rules for Automatic Sprinkler Installations.
5. The use of VSH XPress Sprinkler System pipework and fittings shall be recorded on LPS1048 certificates of conformity.
6. Where a VSH Reducer is installed, a pipe hanger shall be used adjacent to the reducer on the larger pipe.
7. Where VSH system pipework is connected to sprinklers in suspended ceilings, only LPCB Approved flexible drops shall be used.
8. VSH XPress pipework and fittings are not compatible with lightweight piping systems from other manufacturers.

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