

VSH XPress , Press-fit fittings

Holder/Issued to

Aalberts integrated piping systems B.V

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Product description

VSH XPress press-fit fitting consists of body manufactured from copper or dezincification resistant copper alloy. Fittings are available with different design in following sizes: 12, 15, 18, 22, 28, 35, 42, 54, 64, 76.1, 88.9 and 108 mm. Fittings have O-rings that are designed to leak in unpressed condition. Press-fit fittings are mounted on copper tubes and joining together using an electromechanical tool which compresses the coupling on the pipe.

Intended use

Press-fit fittings for domestic hot and cold water where the water quality is comparable with water from the municipal facility and at rates which not cause corrosion.

Press-fit fittings in dimensions 12-108 mm are designed for jointing soft (R220), half hard (R250) and hard (R290) unplated copper tube in tap water installations.

Support sleeve must be used when joining soft copper pipes.

At installation a press tool recommended by approval holder shall be used.

Trade name

VSH XPress fitting in copper and brass.

Approval

The product satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations*

6:62, 1st sentence and 2nd paragraph
and general recommendation

Design

6:625, 1st and 4th paragraph

*Fittings complies with Boverkets (the National Board of Housing, Building and Planning) updated threshold value for max. amount of dissolved lead as described in BBR 21, 2014-06-17.

Associated documents

Teknisk handbok VSH-XPress - 2020-2.0 SE.

Type Approval 0715/00 | 2021-03-01

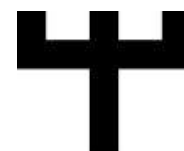
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Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: no 129. Inspection body: Danish Technological Institute.

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.

Manufacturing places

Production control includes the following places:

Aalberts integrated piping systems Kft, Hungary, 35-108 mm.

Aalberts integrated piping systems SAS, France, 12-28 mm.

Markning

The products are to be marked at the factory. The marking consists of a text on fittings and a label on every packing supplied and includes:

Fittings are marked with:

Brand name

Xpress or RYW

Dimension

mm

Packagings are marked with:

Approval holder

Aalberts integrated piping systems B.V

Boverket's registered trademark

†

Certification body and accreditation number

RISE Certifiering 1002

Product type designation

product type

Approval number

0715/00

Dimension

mm

Consecutive manufacture date

date

Inspection body

DTI

Basis for assessment/approval

Reports no. 12 0354 898, 12000382, 12001086, 120002446, 12 0001607-1 and 12 0001607-15 from MPA NRW, Germany.

Report 917302 and 901658 from DTI.

Comments

The fittings are approved in accordance with NKB Product Rules no. 12

"Mechanical couplings of metal for copper pipes for drinking water installations".

This approval supersedes the previous approval with the same number dated 2017-10-23.

Validity

Valid through 2022-10-22.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Martin Tillander

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence