



## SWEDISH TYPE APPROVAL 1186 WITH DECISION ON PRODUCTION CONTROL

### Holder: Uponor GmbH

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### Uponor Metallic Pipe PLUS pipesystem

#### Product description

Pipe system of composite pipes, PE-RT II/Al/Clear Coat with splicer and fittings made of DZR alternatively in plastic (PPSU). Pipe oxygen barrier consists of an aluminium layer between the layers of polyethylene and coat. Joining of pipes and fittings is done by using a special tool. Press fittings have been tested and meet the requirements for leak detection.

#### Intended use

Piping system for distribution of hot and cold tap water or heat in buildings where the highest operating pressure does not exceed 1.0 MPa and where the water temperature does not momentarily exceed 95 ° C or continuously does not exceed 70 ° C.

#### Scope

S-Press PLUS Metall fitting for Ø 16x2.0 och 20x2.25

S-Press PLUS PPSU fitting for Ø 16x2.0 och 20x2.25


#### Approval

The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, 3. Protection regarding hygiene, health and environment depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of "Boverkets's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Tap water installations	6:62, first sentence and paragraph 2
Design	6:625, paragraph 1 and 4

#### Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:	Uponor GmbH
Product name, and relevant article number:	Product name (article number)
Production site:	Uponor GmbH, 98544 Zella-Mehlis
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
Information about requirements or class, if relevant:	-
The registered trademark of Boverket No 241 217:	☞
Certification Body:	Kiwa Certification SE 
Accreditation number:	1913
Type Approval No:	TG 1186
Inspection Body:	SKZ

CERTIFIKAT

#### Kiwa Sverige AB

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Accred. no. 1913  
Certification of  
Products  
ISO/IEC 17065

**Control**

The manufacturers' continuous internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **SKZ**

Control agreement: **KIWA, dated 2018-05-22.**

Factory production control shall be carried out in accordance with the instructions for control, date **2020-02-06.**

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to the instructions for control and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing factory production control. The holder shall annually, on December 15<sup>th</sup>, report to Kiwa Certification, [se.bygg@kiwa.com](mailto:se.bygg@kiwa.com), on the continuous factory production control conducted.

**Associated documents**

Uponor VVS Handboken – Tappvatten & Radiatorsystem, edition 5.

Installation instruction" Uponor" 1062301\_02/2019 KAL

S-Press PLUS Brochure new. "Build on Uponor with S-Press PLUS" 1094180\_09/2018

**The assessment basis for the approval**

Test report no. LC 16736-1 by Kiwa NL and Assessment report 180/19 by Kiwa Certification SE.

**Comments**

The press tool for the press fittings shall be maintained and calibrated in accordance with manufacturer's instructions to ensure minimum pressing force as specified for each dimension. The approval does not include threaded connections.

The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Sverige AB.

Date of decision: 2020-02-06

Registration number: 1315/19

Valid until: 2024-02-27

Previous registration number: 180/19



**Deo Yamabo**



**Magnus Jerlmark**