



SWEDISH TYPE APPROVAL 1101 WITH DECISION ON PRODUCTION CONTROL

KEYWORD: Tap water

Holder: FRABO S.p.A

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Webb: <http://www.frabo.com>

Product name: Frabopress H2O Securfrabo

Press fitting of copper for copper pipe installations. The product is pressed with V-profiled pressing tools. Press fitting has leakage indication (unpressed) and is approved for dimensions Ø 12, 15, 18, 22, 28, 35, 42 and 54 mm

Intended use

Press fitting of copper intended for distribution of hot and cold tap water alt heating within a property where the highest operating pressure does not exceed 1.0 MPa and where the water temperature does not instantaneously exceed 95°C or continuously does not exceed 70°C.

Approval

Products made and installed according to related documents are approved with respect to the following sections of the Swedish Building Regulations (BBR):

Building products with assessed properties	1:4
Installations for tap water	6:62*
Design	6:625

* Complies with requirements in BFS 2014: 3

For the intended use the products meets the following requirements of PBL, regulations governing the technical properties of materials, products etc. used in construction works Chapter 8 Section 4 about the technical characteristics of buildings and constructions.

3. Protection with regard to hygiene, health and environment
4. Safety in use

Appendix 1: Associated documents	22/09/2017
Appendix 2: Product marking	22/09/2017
Appendix 3: Control	22/09/2017
Appendix 4: Basis for approval	22/09/2017

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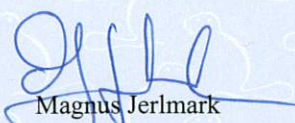
Date of decision: 22/09/2017

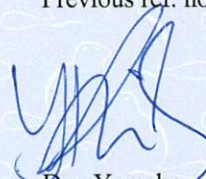
Ref. no: 854/17

Valid until: 21/09/2017

Previous ref. no.: 560/12

Kiwa Sverige AB


Magnus Jerlmark
Technical manager


Deo Yamabo
Project leader

Annex 1
Type Approval No. 1101
Product: Pressfitting
Holder: FRABO S.p.A

ASSOCIATED DOCUMENTS 22/09/2017

Instruction manual – Fb FRABO Pressfittings, edition dated 11/09/2017



Annotation:

- Frabopress H2O Securfrabo is mounted with press tools approved by the manufacturer/holder
- Installing the fittings should follow the manufacturer's instruction properly.
- The fitting is approved according to DVGW 534 section 12.14

Annex 2
Type Approval No. 1101
Product: Pressfitting
Holder: FRABO S.p.A

PRODUCT MARKING 22/09/2017

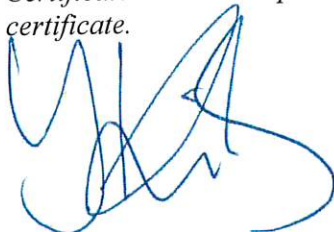
The product or product packaging shall be permanently labelled with the following information:

- a. Holder: FRABO S.p.A
- b. Product name: Frabopress H2O Securfrabo
- c. Manufacturing site: FRABO S.p.A, Italy
- d. Traceable mark to production date.
- e. Information on allowed max temperature, pressure: 95°C/1 MPa
- f. Kiwa Sverige  Type Approval no: 1101 and the reg. mark of Boverket: 
- g. Ackrediteringsnummer: 1913
- h. Designated Inspection Body: CSTB/DVGW

Manufacturer's declaration according to § 17 of the Type 7 in the accompanying documents:

Manufacturer's declaration:

The manufacture of this product has been made in accordance with the Construction Products Certificate decision on production control and the documents submitted to the decision of issue of this certificate.



Deo Yamabo

Annex 3
Type Approval No. 1101
Product: Pressfitting
Holder: FRABO S.p.A

CONTROL 22/09/2017**Instructions for control**

Production Control must be carried out in accordance with instructions for control dated 22/09/2017.

Annual reporting:

The validity of the Type Approval requires that the production control is carried out and that the manufacturer annually fulfils the requirements for supervisory control. Annual supervisory control shall be conducted by the designated inspection body.

The approval holder shall send to Kiwa Sverige a copy of the annual report from performed annual inspections conducted by the designated inspection body.

Building Control:

Building Control must be carried out through identifying the products, and control of the correct installation of the product by an expert, according to the manual.

Annex 4
Type Approval No. 1101
Product: Pressfitting
Holder: FRABO S.p.A

BASIS FOR APPROVAL 22/09/2017

The Type approval is based on:

- Test report no: KA 100D/13, MO 050/15, VR 001/12 and VR 001/10 – prepared by TZW Az
- Report no: 392-2017-00092602_XB_EN, prepared by Eurofins
- Certificate DW-8511CL0458 granted by DVGW

Assessment report 854/17, dated 22/09/2017 – may include the above

A handwritten signature in blue ink, appearing to read 'Deo Yamabo', with a stylized, cursive script.

Deo Yamabo

Kiwa Sverige AB