



SWEDISH TYPE APPROVAL 1289 WITH DECISION ON PRODUCTION CONTROL

Holder: AB Ebeco

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Self-limiting heating cable

Product description

Self-limiting heating cable with associated bushing in type approved DZR brass CW625N. The outer casing of the heating cable is equipped with a drinking water-approved thermoplastic fluoropolymer ECTFE and a 2 meter connecting cable of rubber with a plug.

Intended use

Protecting drinking water pipes from frost, interior alt. exterior laying of heating cable.

Scope

Frostvakt 10 with retrofit kit F-10.


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 with regard to 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 "Boverket's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Tap water installations	6:62
Design	6:625

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:	AB Ebeco
Product name, and relevant article number:	Ebeco Frostvakt 10
Place of manufacture:	AB Ebeco Lärjeågatan 11, 415 02 Gothenburg. (e.g. yyyy-mm-dd or batch number)
Traceability to the production:	230 V~/ Power/IP67 and length of cable
Information about requirements or class, if relevant:	⚡
The registered trademark of Boverket No 241 217:	Kiwa Sverige AB 
Certification Body:	1913
Accreditation number:	TG 1289
Type Approval No:	Kiwa Sverige
Inspection Body:	

CERTIFIKAT

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Control

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

Inspection Body: **Kiwa Sverige**

Inspection agreement: **576/2016, revised 26/02/2021**

Factory production control shall be carried out in accordance with the instructions for control 749/14, dated 30/06/2016 and revised 2021-03-11.

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 control instructions 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 internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

Installation manual 55209 Frostvakt 10 vers 1.2 180517

The assessment basis for the approval

Test Report No.: 031500115-0010 by Kiwa GmbH and SBF2015F0352 by SINTEF.

Inspection report, dated 12/11/2020 by Kiwa Sverige.

Assessment report 0123/2021, dated 12/03/2021 by Kiwa Certification SE.

Comments

The in pipe heating cable is tested and approved according to KTW guideline "Hygienic Assessment of Organic Coatings in Contact with Drinking Water" and DVGW W 270 "Microbial Enhancement on Materials to Come into Contact with Drinking Water.

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.

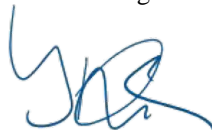
Date of decision: 17 March 2021

Registration number: 0123/2021

Valid until: 29 June 2026

Previous registration number: 0749/2014


Bengt-Olov Andin


Deo Yamabo