



## SWEDISH TYPE APPROVAL 1289

WITH DECISION ON PRODUCTION CONTROL

**KEYWORD:** Heating cable

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### Product name: Frost Guard 10 with Retrofit kit F-10

The product consists of an electric heating cable with associated entrance in type approved DZR. The heating cable consists of two parallel conductors casted in a semiconductor material that adjusts its output to the ambient temperature. The outer casing of the cable is provided with a drinking water approved thermoplastic fluoropolymer ECTFE.

#### Intended use

Laying internally alternatively externally drinking water pipes to prevent freezing

#### Approval

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

Installations for tap water – 2 <sup>nd</sup> paragraph	6:62*
Design – 1 <sup>st</sup> paragraph	6:625

\*Brass alloy inside the transit meets the requirements for product group B according to "4MS Common Approach: Acceptance of metallic materials used for products in contact with drinking water"

The 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"

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

Appendix 1: Associated documents	30/06/2016
Appendix 2: Product marking	30/06/2016
Appendix 3: Control	30/06/2016
Appendix 4: Basis for approval	30/06/2016

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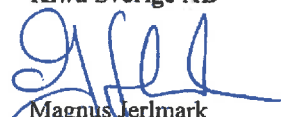


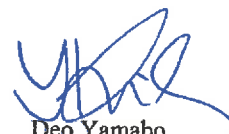
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**Kiwa Sverige AB**

  
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