

# TYPE APPROVAL DECISION



**Issued** 26.5.2020

**English version** 26.5.2020

**Reassessed** 27.5.2025

**Valid until** 27.5.2030

Eurofins Expert Services Oy has, based on the act given about the approval of certain construction products (954/2012) 5§ and taking into account the provisions of the chapter 2 and provisions of 1§ of decree given by the Ministry of the Environment on the approval of certain construction products (555/2013), issued the following type approval.

## MANUFACTURER

**Nordisk Wavin A/S, Hammel, Denmark**

## PRODUCT

**Press fittings for multilayer pipes:**

**Wavin Tigris K5 (PPSU)**

Dimensions 16, 20, 25, 32, 40 mm

**Wavin Tigris M1 Metal (CW724R)**

dimensions 50, 63, 75 mm

**Wavin Tigris M5 Metal**

dimensions 16, 20, 25, 26, 32, 40 mm

The fittings shall be used with multilayer pipes according to the Type Approval EUFI29-21001899-TH1.

## SCOPE OF THE APPROVAL

This approval certifies that the above mentioned multilayer pipe fittings fulfil the requirements set for multilayer pipes and their fittings in the Decree of the Finnish Ministry of Environment 500/2019 in application class 2. The constant water temperature shall be maximum of 70°C and the momentary maximum of 95°C with a design pressure 1 MPa.

This Type Approval includes the components and raw-materials which the applicant has declared in the application.

## CONDITIONS OF THE APPROVAL

The technical information of the product and the installation instructions shall be delivered with the product.

The installation work shall be carried out following the instructions of the local officials and installation instructions given by the manufacturer and by using the special tools recommend by the manufacturer.

The system is not allowed to bend in dimension 75 mm.

**MARKING**

The manufacturer shall permanently mark multilayer pipes and their couplings so that they can be individually identified and traced. Marking shall be made in accordance with the Decree 500/2019 chapter 12§.

To the product, its packing or documents delivered with the packing shall be marked with a attached type approval mark, type approval number in a form "20-001795-TH" and the name and sign of the manufacturer.

**VALIDITY PERIOD**

The validity of this decision starts on 27.5.2025 and ends no later than on 27.5.2030.

**VERIFICATION OF THE QUALITY CONTROL****Verification Body of Quality control**

Danish Technological Institute, Denmark

**Quality control contract**

Quality contract number 175 signed on 20.4.2015 or updated afterwards.

**REMARKS**

Type Approval decision is public. The list is kept on the websites of the Eurofins Expert Services Oy.

Eurofins Expert Services Ltd acts as a type approval body based on the act given about the approval of certain construction products 18§, authorized by the Finnish Ministry of the Environment and as a certification body (S017) accredited by FINAS.

**Conditions of the validity**

If the product enters the CE marking the type approval expires.

The type approval decision is issued for maximum of 5 years at a time.

Eurofins Expert Services requires annual surveillance for the manufacturer's internal quality control in order to verify that the product corresponds to the properties that manufacturer has declared.

The manufacturer is in charge of the product's quality and factory production control. In awarding this certificate, Eurofins Expert Services Oy does not bind itself to indemnification liability concerning personal injury or other damage that may directly or indirectly result from using the product described in this certificate.

The use of the name of Eurofins Expert Services Oy or the name Eurofins in any other form in advertising or distribution in part of this Type Approval is only permissible with a written authorization from Eurofins Expert Services Oy.

**CANCELLATION OF THE  
TYPE APPROVAL**

The type approval decision will be cancelled if:

- The construction product does not fulfil the requirements presented in the land use and building act or the technical requirements based on the act.
- The importer or the manufacturer or its representative does not correct the flaws detected by the quality control.
- The usage of the construction product is prohibited by Finnish Safety and Chemicals Agency (Tukes) or the importer or the manufacturer or its representative is ordered to withdraw the product from the markets by Tukes.

**BASIS OF THE APPROVAL**

The Decree of the Finnish Ministry of Environment of the Type Approval of multilayer pipes and their fittings 4/19, valid from 1.1.2020

The Decree of the Finnish Ministry of Environment of the essential technical requirements of multilayer pipes and their fittings 500/2019, valid from 1.1.2020

Katja Vahtikari  
Manager, Construction  
Certification

Jyri Alkio  
Assessor  
Jyri.Alkio@cpt.eurofinseu.com

This document has been signed electronically

**ANNEXES**

This report is the English version of the original Type Approval. In case of dispute the Finnish original report is valid.

Type approval logo  
Rectification demand- and reclamation guide

**FOR INFORMATION**

DTI, Teknologiparken, Kongsvang Allé 29, DK-8000, Århus C