

TYPE APPROVAL DECISION



Issued 28.6.2020

English version 2.5.2024

Updated 23.2.2022

Valid until 23.2.2027

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

Uponor Infra Oy, Nastola

MANUFACTURING LOCATION

Uponor Infra Oy, Nastola
Atplast Oy, Kausala

PRODUCT

PP - drainage system

Sizes 32, 50, 75 and 110 mm

SCOPE OF THE APPROVAL

With this approval, it is stated that the above-mentioned polypropylene drainage pipes and pipe fittings meet the essential technical requirements set by the Ministry of the Environment's Regulation 498/2019. Application area "B": use only inside buildings. Application area "BD": use on the property.

Sizes 32 and 50 mm, range of use B, color white or grey.

Sizes 75 and 110 mm, range of use BD, color gray.

The basic material of pipes and fittings is polypropylene (PP), the raw materials that may be used are same raw materials and recipes that the manufacturer has announced to be used at the time of granting the type approval.

The decision includes the components of the system for which the applicant has provided a statement during the processing of the application.

CONDITIONS OF THE APPROVAL

During the manufacture, the raw materials that have been used as materials in type-tested products must be used. The same seals that were used in the type-tested products must be used: Bode BL SBR and NBR (sizes 32, 50, 75, 110) or in size 110 mm Bode HB-FIX 110 or Bode HB-FIX GL.

The installation work is carried out in accordance with the installation instructions given by the manufacturer.

MARKING

Pipes and pipe connections must be permanently marked so that they can be identified and traced. The manufacturer must permanently mark the pipes and pipe joints in such a way that the markings show at least the information given in the table.

Markings	Pipe	Sealing	Fitting
EN 1451	+		+
Manufacturer's name and/or brand	+	+	+
Nominal size	+		+
Nominal angle			+
Minimum wall thickness	+		
Material	+		+
Application area code	+		+
Pipe set for the operating area "BD"	+		+
Stiffness (PP-MD)	+		
Suitability for cold climates (ice crystal)	+		
Place of manufacture if more than one	+		+
Date of manufacture	+	+	+

The type approval mark according to the appendix, the type approval number in the form "**20-003220-TH**" and the manufacturer's name and ID must be marked on the product, its packaging or accompanying documents.

VALIDITY PERIOD

The validity of this decision starts on 28.6.2020 and ends no later than on 23.2.2027

VERIFICATION OF THE QUALITY CONTROL

VERIFICATION BODY OF QUALITY CONTROL

RISE Research Institutes of Sweden AB, Göteborg, Ruotsi

QUALITY CONTROL CONTRACT

Quality contract number 210-13-0175 signed on 28.8.2013 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.

The product previously had Type Approval RTH-00033-17.

The update on 14.7.2021 has considered the expansion of raw materials announced on 17.5.2021 regarding PP pipes 32-50 mm and the new sealing profile Bode BL 75 SBR announced on 5.7.2021.

The update on April 6, 2021, has considered the expansion of raw materials announced on March 3, 2021, regarding PP pipes 50-110 mm.

In the update on November 27, 2020, the change in the structure of the 110 mm cleaning unit was considered.

In the update of 23.2.2022, the presentation method of Bode BL seals was specified.

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 to verify that the product corresponds to the properties that manufacturer has declared.

The manufacturer oversees 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

Decree of the Ministry of the Environment on the type approval of polypropylene drainage pipes and pipe fittings intended for waste water installations inside buildings 10/19, valid from 1st of January 2020

Decree of the Ministry of the Environment on the essential technical requirements for polypropylene drainage pipes and pipe fittings intended for wastewater installations inside buildings 498/2019, valid from 1st of January 2020

Katja Vahtikari
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Certification

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Assessor
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This document has been signed electronically

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

ANNEXES

Type approval logo
Rectification demand- and reclamation guide

FOR INFORMATION

RISE, Quality control