TYPE APPROVAL DECISION

Issued 26.5.2021

English version 26.5.2021

Reassessed 20.5.2026

Valid until 20.5.2031

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

Broen A/S, Denmark

PRODUCT

Miniball-valves:
Ballofix ® DN10, DN15, DN20

Thread connections ¼", 3/8", ½", ¾", 1"

SCOPE OF THE APPROVAL

This approval certifies that the above mentioned miniball-valves fulfil the requirements set for stop valves in the Decree of the Finnish Ministry of Environment 477/2019. The certificate does not include the different connection methods to the piping system.

CONDITIONS OF THE APPROVAL

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

MARKING

The manufacturer shall permanently mark the valve at least with the manufacturer's name or brand, nominal size of the valves and dezincification marking "DR".

To the product, it's packing or documents delivered with the packing shall be marked with an attached type approval mark, and the name and sign of the manufacturer. Manufacturer can also use the type approval number with the marking which can be shortened in a form " **21-000499-TH** "

VALIDITY PERIOD

The validity of this decision starts on 20.5.2026 and ends no later than on 20.5.2031.

VERIFICATION OF THE QUALITY CONTROL

Verification Body of Quality control

KIWA Sverige, Sweden

Quality control contract

Quality contract number 953/2018 signed on 25.8.2020 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 6/19 and essential technical requirements 477/2019 of stop valves, valid from 1.1.2020

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This document has been signed electronically

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

ANNEXES Type approval logo

FOR INFORMATION KIWA Sverige, Quality control, Sweden