



SWEDISH TYPE APPROVAL 1462 WITH DECISION ON PRODUCTION CONTROL

Holder: Oras Ltd

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Oras Optima, faucet with associated electronic function

Product description

Faucet in brass (EN 817/ EN 15091) with and without pop-up waste set and with electronic function. The faucet are installed with type-approved flexible connection hoses or connection pipes. The mixers are equipped with type approved flexible connecting hoses or with connecting pipes.

Intended use

Single-lever faucet for hot and cold tap water intended to be used in washbasins or sinks.

Scope

According to the table in section "Associated documents" in this certificate.

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 « Protection regarding 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, first sentence and paragraph 2
Tap water flow	6:623, first sentence
Design	6:625, paragraph 1 and 4

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:	Oras Ltd
Product name, and relevant article number:	Product name (article number)
Production site:	Applicable manufacturer or ID code
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
The registered trademark of Boverket No 241 217:	+
Certification Body:	Kiwa Certification AB 
Accreditation number:	1913
Type Approval No:	1462
Inspection Body:	Kiwa Certification AB

CERTIFIKAT

Kiwa Certification AB

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Production site:

Oras Ltd., FI-26101 Rauma, Finland.

Control

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

Inspection Body: **Kiwa Certification AB**

Inspection agreement: **1168/17**

Factory production control shall be carried out in accordance with the current instructions for control.

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 current agreement 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 AB at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

Product designation	Article no.	Product description	Installation instructions
Oras Optima	2720F	battery 3 V, touchless kitchen faucet with grip levers for cold and hot water and high swivel spout	943297-08-17
	2722F	plug transformer (230/5 V) touchless kitchen faucet with grip levers for cold and hot water	
	2725F	battery 3 V, touchless kitchen faucet with grip levers for cold and hot water, high swivel spout and electronic dishwasher valve	
	2727F	plug transformer (230/5 V) touchless kitchen faucet with grip levers for cold and hot water, temperature display with hot water warning, high swivel spout and electronic dishwasher valve	
	1714F	battery 6 V, touchless washbasin faucet with a temperature adjustment handle	943300-11-18
	1714FZ*		
	1724FT	plug transformer (230/12 V) touchless washbasin faucet with a temperature adjustment handle	
	1724FTZ*		

*) bluetooth modeller

The assessment basis for the approval

Test reports:

VTT-S-00787-14 and VTT-S-0135-12 issued by Eurofins; DE22UM2D 001 issued by TÜV Rheinland;

KA 0291/16 and MO 081/17 issued by TZW.

Assessment report 079/2023 issued by Kiwa Certification AB.

Comments

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 Certification AB.

Date of decision: 2023-03-14

Registration number: 079/2023

Valid until: 2028-03-13

Previous registration number: 011/2020


Magnus Jerlmark


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