



## SWEDISH TYPE APPROVAL 1847 WITH DECISION ON PRODUCTION CONTROL

### Holder: Oras Ltd.

Isometsäntie 2, 26101 Rauma, Finland

Phone: +46 21816131

E-mail: [info.sweden@oras.com](mailto:info.sweden@oras.com)

Homepage: [www.oras.com](http://www.oras.com)

### Mechanical mixing valves

#### Product description

Single-lever mixer, chrome-plated brass. The sanitary tapware is fitted with type approved flexible connecting hoses.

#### Intended use

Washbasin mixer for hot and cold tap water.

#### Scope

Oras Optima, article number: 2601FH, 2605AF, 2605F, 2605FH, 2610AF, 2610F, 2611AF and 2611FH.



#### 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, "3. Protection with regard to hygiene, health and the 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
Tap water flow	6:623, 1 <sup>st</sup> sentence
Back flow	6:624
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:	Oras Optima (article number)
Production site:	Applicable manufacturer or ID code
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
Information about requirements or class, if relevant:	(e.g. flow rate)
The registered trademark of Boverket No 241 217:	
Certification Body:	Kiwa Certification AB 
Accreditation number:	1913
Type Approval No:	1847
Inspection Body:	Kiwa Certification AB

CERTIFIKAT

### Kiwa Certification AB

Campus Gräsvik 1  
SE-371 75 Karlskrona  
Sweden

Tel +46 (0)455-30 56 00

Fax +46 (0)455-104 36

[se.bygg@kiwa.com](mailto:se.bygg@kiwa.com)

[www.kiwa.se](http://www.kiwa.se)



Accred. no. 1913  
Certification of  
Products  
ISO/IEC 17065

**Production site(s):**

1. Oras Olesno Sp. z.o.o., Olesno, Poland.
2. Hansa Cesko s.r.o., Kralovice, Czech Republic.

**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 revision 2.**

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](mailto:se.annualreporting@kiwa.com) about continuing surveillance.

**Associated documents**

Installation instruction Oras, edition: 943479-09-22.

**The assessment basis for the approval**

Test report No. EUFI29-22004128-T1 and EUFI29-22004128-T1, both issued by Eurofins Expert Services Oy.  
Assessment report No. 200/2023, dated 2023-06-13 by Kiwa Certification AB.

**Comments:**

The products are verified according to EN 817:2008 and used brass is according to 4MS-positive list.


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: 19 June 2023

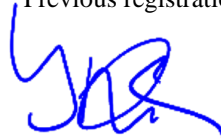
Registration number: 200/2023

Valid until: 18 June 2028

Previous registration number: -



Magnus Jerlmark



Deo Yamabo