



SWEDISH TYPE APPROVAL 1491

WITH DECISION ON PRODUCTION CONTROL

KEYWORD: Tap Water

Holder: Oras Ltd

P.O. Box 40, 26101 Rauma Finland

Tel: +46 (0)21-81 61 31

E-post: info.sweden@oras.com Web: <http://www.oras.com>

Product:

Oras Safira - Single Lever Mixers for Kitchens

Single lever mixer in brass (EN 817) equipped with or without pop up waste. The mixers are fitted with type approved flexible hoses or pipe connection.

Model designations are shown in Appendix 1 to this type approval

Intended use

Single lever mixer for hot and cold tap water.

Approval

Products made and installed according to related documents are approved with respect to the following sections of the Swedish Building Regulations (BBR):

Building products with assessed properties	1:4
Tap water installations, 1 st sentence and 2 nd paragraph	6:62*
Tap water flow, 1 st sentence	6:623
Design, 1 st and 4 th paragraph	6:625

*The products meet the requirements of the BFS 2014: 3

For the intended use the products meet the following requirements of PBL, regulations governing the technical properties of materials, products etc. used in construction works Chapter 8 Section 4 about the technical characteristics of buildings and constructions.

3. Protection with regard to hygiene, health and environment
4. Safety in use

Appendix 1: Associated documents	06/04/2018
Appendix 2: Product marking	06/04/2018
Appendix 3: Control	06/04/2018
Appendix 4: Basis for approval	06/04/2018

Kiwa Sverige AB
Campus Gräsvik 1
SE-371 75 Karlskrona

Tel +46 (0)455-30 56 00
Fax +46 (0)455-104 36
bygg@kiwa.se
www.kiwa.se




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

Date of decision: 06/04/2018

Ref. no: 313/18

Valid until: 05/04/2023

Kiwa Sverige AB


Magnus Jerlmark
Technical manager


Johnny Ostfeldt
Project leader

Appendix 1
Type Approval no. 1491
Product: Oras Safira Single lever mixers
for kitchens
Holder: Oras Ltd

Associated documents 06/04/2018

Oras Optima - "Installation- and maintenance guide", issue 943238-02-17



Article no.	Variant	Description approved products – Side lever
1028F	-	Kitchen side lever faucet with swivel spout and flexible hoses
1029F	-	Kitchen side lever faucet with swivel spout, flexible hoses and dish-washer valve
Article no.	Variant	Description approved products – Top operated
1022	-	Kitchen faucet with swivel spout, connection pipes and side brush
1027	-	Kitchen faucet with swivel spout, pipe connection, dishwasher valve and side brush
1030	*1030F	Kitchen faucet with swivel spout and connection pipes *Kitchen faucet with swivel spout and flexible hoses
1032F	-	Kitchen faucet with swivel spout, flexible hoses and pull out spout
1035	*1035F	Kitchen faucet with swivel spout, pipe connection and dish-washer valve *Kitchen faucet with swivel spout, flexible hoses and dishwasher valve
Article no.	Variant	Description approved products – High spout
1038	*1038F	Kitchen faucet with high spout, pipe connection *Kitchen faucet with high spout, flexible hoses
1039	*1039F	Kitchen faucet with high spout, pipe connection, and dishwasher valve *Kitchen faucet with high spout, flexible hoses, and dishwasher valve

*F= flexible connection

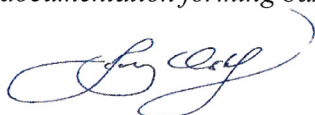
Appendix 2
Type Approval no. 1491
Product: Oras Safira Single lever mixers
for kitchens
Holder: Oras Ltd

PRODUCT MARKNING 06/04/2018

The product shall be durably marked with following information:

- Holder: Oras Ltd
- Type- or product name with article number
- Place of manufacture: OLE, KRA
- Traceability: Manufacturing year, month or otherwise traceable to manufacture
- Information about requirements or class – if applicable
- Kiwa Sverige  Type Approval no. 1491 and the logo of Boverket: 
- Accreditation number: 1913
- Appointed Inspection Body: Kiwa Sverige

A Statement of Manufacture 17 § i Typ 7 shall be available: Statement of manufacture: *The manufacture of this product has been done according the Type Approval with decision on manufacturing control and the documentation forming basis of decision for the Type Approval.*



Appendix 3**Type Approval no 1491****Product: Oras Safira Single lever mixers
for kitchens****Holder: Oras Ltd****CONTROL 06/04/2018**

The manufacturing control must be conducted to the extent as described in Instruction for Control dated 06/04/2018.

Annual reporting:

The validity of the Type Approval requires that manufacturing control is executed according the Instruction for Control as well as the Holder shall fulfil the annual requirement supervisory control. The Holder shall report to Kiwa Sverige about completed annual supervisory control

Building control:

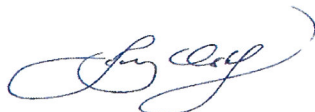
Building control shall be executed by identification of the correct product as well as control that the product has been correctly installed by a professional.

Appendix 4**Type Approval no 1491****Product: Oras Safira Single lever mixers
for kitchens****Holder: Oras Ltd****BASIS OF DECISION 06/04/2018**

Type Approval is based on following:

- Test rapport no. VTT-S-05365-17
- Certificate VTT-RHT-00090-17
- Control-agreement no. 1168/2017 – Oras Ltd. & KIWA Sverige AB

Evaluation report no 313/18 dated 06/04//2018 – may include the above

A handwritten signature in blue ink, appearing to read 'Johnny Ostfeldt'.

Johnny Ostfeldt

Kiwa Sverige AB