

SWEDISH TYPE APPROVAL 1490

WITH DECISION ON PRODUCTION CONTROL

KEYWORD: Tap Water

Holder: Oras Ltd

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Product:

Oras Safira - Single Lever Mixers for basin and bidet

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 meets 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

CERTIFICATE

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Akkred. nr. 1913
Produktcertifiering
ISO/IEC 17065

Date of decision: 06/04/2018

Ref. no: 312/18

Valid until: 05/04/2023

Kiwa Sverige AB


Magnus Jerlmark
Technical manager


Johnny Ostenfeldt
Project leader

Appendix 1
Type Approval no. 1490
Product: Oras Safira Single lever mixers f. basin and bidet
Holder: Oras Ltd

Associated documents 06/04/2018



Oras Optima - "Installation- and maintenance guide", issue 943237-12-16 - (*F= flexible connection)

Article no.	Variant	Description approved products – Basin and bidet faucets + Side lever
1004	*1004F	Washbasin faucet (with pop up waste and pipe connection) * Washbasin faucet (with pop up waste and flexible hoses)
1005F	-	Washbasin faucet XL (with pop up waste and flexible hoses)
1007F		Washbasin faucet with swivel spout, flexible hoses, without pop-up-waste
1009F		Washbasin faucet with swivel spout, flexible hoses, with pop-up-waste
1010	*1010F	Washbasin faucet pipe connection, without pop up waste * Washbasin faucet flexible hoses, without pop up waste
1011F	-	Washbasin faucet XL, flexible hoses, without pop up waste
1013	-	Washbasin faucet, with swivel spout and dishwasher valve
1015	-	Washbasin faucet, with swivel spout
1018F	-	Bidet faucet with flexible hoses and pop up waste
Article no.	Variant	Description approved products – Bidetta faucets and High spout
1001F	-	Washbasin faucet XL, Bidetta hand shower, flexible hoses, without pop up waste
1008	*1008F	Washbasin faucet, Bidetta hand shower, with pipe connection and pop up waste *Washbasin faucet, Bidetta hand shower, with flexible hoses and pop up waste
1012	*1012F **1012A	Washbasin faucet, Bidetta hand shower, with pipe connection, without pop up waste *Washbasin faucet, Bidetta hand shower, with flexible hoses, without pop up waste **Washbasin faucet, Bidetta hand shower, longer pipe connection (L:380 mm), without pop up waste.
1014	-	Washbasin faucet with swivel spout, dishwasher valve and Bidetta hand shower
1021	-	Washbasin faucet with swivel spout and Bidetta hand shower
1033	-	Washbasin faucet high spout, Bidetta hand shower, with pipe connection
1034	-	Washbasin faucet high spout, Bidetta hand shower, with pipe connection, with dishwasher valve

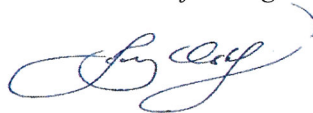
Appendix 2
Type Approval no. 1490
Product: Oras Safira Single lever mixers f. basin and bidet
Holder: Oras Ltd

PRODUCT MARKNING 06/04/2018

The product shall be durably marked with following information:

1. Holder: Oras Ltd
2. Type- or product name with article number
3. Place of manufacture: OLE, KRA
4. Traceability: Manufacturing year, month or otherwise traceable to manufacture
5. Information about requirements or class – if applicable
6. Kiwa Sverige  Type Approval no. 1490 and the logo of Boverket: 
7. Accreditation number: 1913
8. Appointed Inspection Body: Kiwa Sverige

A Statement of Manufacture¹⁷ § i Typ 7 shall be available: Statement of manufacture: *The manufacture of this product has been done according to the Type Approval with decision on manufacturing control and the documentation forming basis of decision for the Type Approval.*



Johnny Ostenfeldt
Kiwa Sverige AB

Appendix 3
Type Approval no 1490
Product: Oras Safira Single lever mixers
for basin and bidet
Holder: Oras Ltd

CONTROL 14/03/2018

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 to 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.

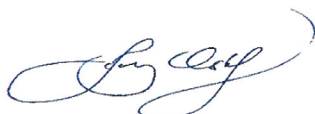
Appendix 4
Type Approval no 1490
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BASIS OF DECISION 14/03/2018

Type Approval is based on following:

- Test rapport no. VTT-S-03705-17
- Test rapport no. VTT-S-05365-17
- Certificate VTT-RHT-00090-17
- Kontrollavtal no. 1168/2017 – Oras Ltd. & KIWA Sverige AB

Evaluation report no 312/18 dated 06/04/2018 – may include the above

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