



2nd February 2023

Ideal Standard (UK) Ltd
Old Road (Lodge 1)
Armitage,
Rugeley,
Staffordshire
WS15 4BT

Water Regulations Approval Scheme Ltd.
Unit 13, Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

Approval Number 2211010

Dear Sir/Madam

Production samples of the products described in the **Approval Information** section below ("Products"), have been subjected to the relevant mechanical and water quality tests as defined in Regulation 4 (2) and Schedule 2 to demonstrate a product is of an **appropriate quality or standard** for the purposes of a WRAS Approval application.

1. After considering the test reports and examining the Product/s, The Water Regulations Approval Scheme Ltd. ("WRAS Ltd" / "WRAS") finds that:

The product is of an appropriate quality and standard as defined in The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009 and all other applicable WRAS requirements,

The non-metallic materials of construction, in contact with the water, are suitable for contact with wholesome water intended for domestic purposes having met the requirements of BS 6920-1: 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

2. WRAS Approvals are granted subject to, and in accordance with, the Standard Terms and Conditions of WRAS Approvals Schemes (WRAS.Cust-401) as amended from time to time ("Standard Terms of Approval").

You have confirmed your acceptance of the Standard Terms of Approval by submitting your application for WRAS Approval. A copy of the current Standard Terms of Approval are available from the WRAS website:
www.wrasapprovals.co.uk.

Terms defined in the Standard Terms of Approval shall have the same meaning in this letter unless the context otherwise requires.

3. Installation Requirements & Notes (IRNs) are set out in Appendix A. A Product only qualifies for Approval if WRAS is satisfied that the relevant Product complies with Regulation 4(1)(a) and the requirements of the Scheme when installed in accordance with the manufacturer's instructions and any applicable Approval Scheme Installation Requirements and Notes.

Since the incorrect installation of Products will not be within the scope of an approval and may result in contravention of the Regulations or Byelaws requirements, **the attention of your customers should be drawn to any IRNs applied.**

4. Please note that the use of the Products described in any particular area of supply is at the discretion of the Water Company (water undertaker) in that area.
5. Approval Holders may quote in their sales literature that their product is WRAS approved. A WRAS product approval demonstrates that a water fitting is of a suitable quality and standard, provided that it meets the requirements of the Scheme when installed in accordance with the manufacturer's instructions and any applicable Approval Scheme Installation Requirements and Notes
6. The "WRAS Approved Product" logos are certification marks registered under the Trade Marks Act 1994 ("Certification Marks"). Approval Holders may use the Certification Marks in accordance with the Standard Terms of Approval.
7. Please verify the details of your Product as set out in the approval information and advise us of any discrepancies by no later than **2nd March 2023**.

Yours Faithfully

Ian Hughes
WRAS Approvals Manager

APPROVAL INFORMATION

Validity dates:	This approval is valid for fittings (as listed below in model) manufactured AND installed between November 2022 & November 2027
Section Number:	2010
Section title:	VALVES BLENDING, THERMOSTATIC.
Installation requirement notes:	R001, R010, R040 (IRN's are set out in Appendix A)
Product description:	Range of concealed, wall mounted thermostatic blending valves (DZR brass body) with a variety of face plate finishes (see models). The products incorporate a ¼ turn ceramic disc headwork to control the flow with a dome operating member. The temperature is controlled independently via a thermostatic cartridge with a dome operating member incorporating a manual override. Both inlets incorporate an approved check valve cartridge, however, the complete product has not been fully tested to demonstrate it provides backflow protection. Maximum working pressure 10.0 Bar. Non-metallic materials and components comply with BS6920 at 65°C
Note:	Models A5813XX & A6956XX are only for use with A1000NU easy box kit. A1000NU is the easy box kit only
Size:	½" BSP female (A1000NU) A5813XX & A6956XX are to be used with A1000NU
Identification Marking:	Ideal Standard on face plate.
Factor:	Ideal Standard (UK) Ltd
Model:	A1000NU – EASY-BOX UNIVERSAL BUILT-IN KIT1. A5813XX Ceratherm T100 Built-In Thermostatic 1 Outlet Shower Mixer KIT 2-EASY B, A6956XX Ceratherm C100 Built-In Thermostatic 1 Outlet Shower Mixer. XX denotes the finish, and can be replaced with any of the following: AA- Chrome, A2 - Brushed Gold, GN - Silver Storm, A5- Magnetic Grey, XG - Silk Black.

APPENDIX A

INSTALLATION REQUIREMENTS & NOTES

You are advised to draw customers' attention to the installation requirements and notes set out below which must be followed to ensure that the fittings described above are installed in accordance with the requirements of the Regulations and Byelaws:

IRN R001

See text of entry for Installation Requirements or Notes.

IRN R010

Water supplies shall be at reasonably balanced pressures from a common source (e.g. hot and cold supplies both from the same storage or both from a supply pipe). Where the fitting is supplied from unbalanced supplies (e.g. hot and cold supplies from separate sources) an '**Approved**' single check valve or some other no less effective backflow prevention device shall be fitted immediately upstream of both hot and cold water inlets.

IRN R040

Schedule 2-15 (1)

The fitting, or outlet supplied by the fitting, shall be installed so that its outlet discharges above the spill-over level of any fixed appliance as indicated below: -

For backflow protection in domestic premises or installations up to, and including, Fluid Category 3.

1.	2.
Size of tap or combination fitting.	Vertical distance of outlet above spill-over level
1. not exceeding ½in	20mm
2. exceeding ½in but not exceeding ¾in	25mm
3. exceeding ¾in	70mm

If the fitting cannot be installed as indicated in the table it shall be installed: -

a) with an approved double check valve assembly or some other no less effective backflow prevention device immediately upstream of the inlet; or

b) so that it draws water by gravity only from a cistern, or cylinder having a permanently open vent pipe, and the distributing pipe supplies no other fittings (other than a draining tap) at a lower level.

For backflow protection in premises or installations up to, and including Fluid Category 5.

The vertical distance of the outlet above the spill-over level shall be not less than 20 mm or twice the diameter of the inlet pipe to the fitting, whichever is the greater.

If the fitting cannot be installed as indicated it shall be installed with a backflow prevention arrangement suitable for the Fluid Category.

Taps incorporating a hose union outlet

If the outlet of the tap assembly is designed to accommodate the attachment of a flexible hose and therefore potentially compromise the required AUK3 air gap, alternative Fluid Category 5 backflow protection is required, as the AUK3 air gap provided by the tap would not apply.