



Certificate number: 2111738 (4)

Issued 31/07/2024

Expires n/a

## Kiwa Type 3 Thermostatic Mixing Valve and KUKreg4 Certification

Evaluation Guideline - Kiwa UK – EG001 – Thermostatic mixing valves

Evaluation Guideline – Kiwa UK – EG004 – Regulation 4(1)(a)

Model number(s) – see Appendix

### Horne Engineering Ltd

Kiwa Watertec declares that legitimate confidence exists in the products specified in this certificate and supplied by the above organisation be relied upon to comply with the Kiwa Evaluation Guideline referred above.

Which verifies the requirements of:

**The DoH: Health Technical Memorandum 04-01: Supplement Performance specification D 08: thermostatic mixing valves (healthcare premises) 2017.**

**Regulation 4(1)a of the Water Supply (Water Fittings) Regulations 1999 England & Wales: 2009 Northern Ireland and 2014 Byelaws Scotland.**

This certificate has been issued in accordance with the Kiwa regulations for product certification.

Signed on behalf of Kiwa Watertec

David Jay, Business Unit Manager – Authorised Signatory  
Kiwa Watertec

Publication of this certificate is allowed.

Products are intended to be used in the UK only. For other countries, other (National) requirements will apply.

See <https://www.kiwa.com/gb/en/products/tmv-testing/> to ensure that the certificate is still valid.

CERTIFICATE

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**Certificate Issued to:**  
**Rankine street**  
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# Product Certificate

Appendix to Certificate number: 2111738

The following products belong to this certificate

<b>Reference:</b>	S210090/S2205073 & 2111738
<b>Product description:</b>	Horne TSV1 concealed thermostatic shower valves having separate flow control (rotary or non-concussive) and temperature control, inlet elbow connections include strainers and single check valves.
<b>Models:</b>	TSV1-3, Type 1, rotary headwork TSV1-TFC, Type 1, non-concussive headwork
<b>Size:</b>	15mm Compression inlets and ½" BSP female outlet
<b>Designation of Use:</b>	HP-S LP-SE
<b>Marking:</b>	Inlet elbows embossed Horne. Adhesive label on the thermostatic control shroud printed 'Horne Engineering and model number.
<b>Materials:</b>	Non-metallic materials assessed (BS6920) to point of discharge.
<b>Backflow protection notes:</b>	Consideration must be made on installation to the air gap arrangement. SCV fitted at inlets.
<b>Additional notes:</b>	

<b>Reference:</b>	S2201038 & 2208720
<b>Product description:</b>	Horne 15' type H1503, Tee Type thermostatic mixing valve having swivel pattern inlets that incorporate a single check valve cartridge and stainless steel strainers. The 5021 inlet variant, incorporates a ¼ turn isolating valve. Maximum working pressure 10.0 bar.
<b>Models:</b>	Horne 15 Type H1503
<b>Size:</b>	15mm Compression inlet and outlet connections.
<b>Designation of Use:</b>	HP-B HP-S HP-W LP-B LP-S LP-W
<b>Marking:</b>	Inlets marked with red and blue dots, inlets connections and valve body embossed Horne 15. Adhesive label on collar states the model number
<b>Materials:</b>	Non-metallic materials assessed (BS6920) to point of discharge.
<b>Backflow protection notes:</b>	SCV fitted at inlets.
<b>Additional notes:</b>	

<b>Reference:</b>	S2301063 & 2407775
<b>Product description:</b>	Horne Optitherm wall mounted single hole thermostatic washbasin mixer that incorporates independent manually operated hot and cold-water flow controls (ceramic disc) with the hot side controlling the thermostatically mixed water. Inlets incorporate filters and isolation valves.
<b>Models:</b>	Optitherm TBT-03
<b>Size:</b>	10mm Compression inlet connections.
<b>Designation of Use:</b>	HP-WE
<b>Marking:</b>	Valve body laser etched HORNE and TBT 03.
<b>Materials:</b>	Non-metallic materials assessed (BS6920) to point of discharge.
<b>Backflow protection notes:</b>	SCV fitted at inlets.
<b>Additional notes:</b>	