

NATIONAL DECLARATION OF PERFORMANCE
no 10/1111/23

1. **Name and trade name of the construction product:**
Thermostatic valves
2. **Designation of the construction product type:**
See Annex
3. **Intended use or uses:**
Installation in water supply systems in rooms used for hygienic purposes (in kitchens, toilets, bathrooms, cloakrooms, etc.), in residential and public buildings, in educational rooms, health care, food industry, industrial and service plants
4. **Name and address of the manufacturer's registered office and place of production of the product:**
VADO a division of Norcross group (holdings) limited
Ladyfield House, Station Road, Wilmslow, Cheshire, SK9 1BU
Great Britain
Place of production: PRC
5. **Name and address of the authorized representative, if appointed:** -
6. **The national system used to assess and verify the constancy of performance:** 4
7. **National technical specification:**
7a. **Polish Product Standard:**
PN-EN 1111:2017-09 – Sanitary tapware. Thermostatic mixing valves (PN 10). General technical specification

Name of the accredited certification body, accreditation number and national certificate number or name of accredited laboratory/laboratories and accreditation number: -

7b. **National Technical Assessment:**
Technical Assessment Body/National Technical Assessment Body:
Name of the accredited certification body, accreditation number and certificate number:
8. **Declared performance characteristics:**

The essential characteristics of the construction product for the intended use or uses	Declared performance characteristics	Remarks
Maximum hot water temperature	≤ 85°C	
Maximum static pressure	≤ 0.5 MPa (5 bar)	
Dynamic pressure	≥ 0.02 MPa (0,2 bar)	
Flow class	Z q ≤ 0.15 l/s (9 l/min) A q ≤ 0.25 l/s (15 l/min) S q ≤ 0.33 l/s (20 l/min) B q ≤ 0.42 l/s (25 l/min) C q ≤ 0.50 l/s (30 l/min) D q ≤ 0.63 l/s (38 l/min)	

9. **Declared performance characteristics:**
The performance of the product specified above is in accordance with all the declared performances listed in point 8.
This national declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer:

Tom Ross - Technical Coordinator

Series	Product reference number	Flow class
INDIVIDUAL Tablet - Knurled Accents	IND-T148/2-BLKK, IND-T148/2-H-BLKK, IND-T128/3-H-BLKK IND-T148/2-BRGK, IND-T148/2-H-BRGK, IND-T128/3-H-BRGK IND-T148/2-BRNBK, IND-T148/2-H-BRNBK, IND-T128/3-H-BRNBK IND-T148/2-BRZK, IND-T148/2-H-BRZK, IND-T128/3-H-BRZK	D q
INDIVIDUAL Tablet - Altitude	IND-T148-ALT-BLK, IND-T148/2-ALT-BLK, IND-T148/2-H-ALT-BLK, IND-T128/3-H-ALT-BLK IND-T148-ALT-BRG, IND-T148/2-ALT-BRG, IND-T148/2-H-ALT-BRG, IND-T128/3-H-ALT-BRG IND-T148-ALT-BRN, IND-T148/2-ALT-BRN, IND-T148/2-H-ALT-BRN, IND-T128/3-H-ALT-BRN IND-T148-ALT-BG, IND-T148/2-ALT-BG, IND-T128/3-H-ALT-BG IND-T148-ALT-BRZ, IND-T148/2-ALT-BRZ, IND-T148/2-H-ALT-BRZ, IND-T128/3-H-ALT-BRZ	D q
INDIVIDUAL Tablet - Notion	IND-T148-NOT-BLK, IND-T148/2-NOT-BLK, IND-T128/3-H-NOT-BLK IND-T148-NOT-BRG, IND-T148/2-NOT-BRG, IND-T128/3-H-NOT-BRG IND-T148-NOT-BRN, IND-T148/2-NOT-BRN, IND-T128/3-H-NOT-BRN IND-T148-NOT-BG, IND-T148/2-NOT-BG, IND-T128/3-H-NOT-BG IND-T148-NOT-BRZ, IND-T148/2-NOT-BRZ, IND-T128/3-H-NOT-BRZ	D q
INDIVIDUAL Elements	IND-ELE148D/2-BLK, IND-ELE148D/2-BRG, IND-ELE148D/2-BRN, IND-ELE148D/2-BG, IND-ELE148D/2-BRZ ELE-348C/2-BRG, ELE-348C/2-BRN, ELE-348C/2-PG, ELE-348C/2-BN	D q
INDIVIDUAL Tablet - Omika	IND-T148/2-OMI-PB, IND-T148/2-H-OMI-PB, IND-T128/3-H-OMI-PB	D q
INDIVIDUAL Tablet - Knurled X Fusion	IND-T148/2-XBGK, IND-T148/2-H-XBGK, IND-T128/3-H-XBGK IND-T148/2-XGBK, IND-T148/2-H-XGBK, IND-T128/3-H-XGBK IND-T148/2-XBNK, IND-T148/2-H-XBNK, IND-T128/3-H-XBNK IND-T148/2-XNBK, IND-T148/2-H-XNBK, IND-T128/3-H-XNBK IND-T148/2-XBZK, IND-T148/2-H-XBZK, IND-T128/3-H-XBZK IND-T148/2-XZBK, IND-T148/2-H-XZBK, IND-T128/3-H-XZBK	D q