

Certificate of suitability for contact with drinking water

REG2-0004-04 – ZGPro1 – 2970

(English translation from 18. 3. 2024, the original version is in Slovenian)

On the basis of the Law on Construction Products - ZGPro-1 this certificate applies to the construction products

Valves and UNITAS tapware

produced by

**HERZ d.o.o.,
Grmaška cesta 3, 1275 Šmartno pri Litiji, Slovenia**

in the manufacturing plant

**HERZ d.o.o.,
Grmaška cesta 3, 1275 Šmartno pri Litiji, Slovenia.**

This certificate attests that all provisions concerning the assessment and verification of suitability for contact with drinking water, described in the publicly available technical specification

Recommendations for assessing the suitability of materials and products that comes into contact with drinking water, edition: June 2023

under system 1+ are applied and that

the products fulfil all the prescribed requirements for contact with drinking water set out above.

This certificate was first issued on **18. 1. 2018** and will remain valid until **11. 1. 2027** as long as the test methods and/or factory production control requirements included in publicly available technical specification, used to assess the performance of the declared characteristics, do not change, and the products, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the designated product certification body.

Detailed information about the products is given in the annex to this certificate.

Ljubljana, 18. 3. 2024

Authorised signatory of the Certification body:

mag. Egon Milost, univ.dipl.inž.grad.



Certification scheme: SR 141, issue 4 dated 20. 7. 2023

Scope of the certificate:

Products of the “Valves” programme

Product families	Products
Ball valves (KV)	Ball valve for drinking water: KV602-KV607 / 2 2100 01-06 *KV602M-KV607M / 2 2100 11-14
	Concealed ball valve: KV202-KV203, KV212-KV213 / 1 2202 01-02, 1 2202 11-12
	Ball valve with check valve: KV622-KV623 / 2 2110 01-02
	Angle ball valve for water: KV550-KV551, KV552 / 1 2550 01, 1 2551 01, 1 2552 01
	Angle ball valve for water - with filter: KV553, KV554 / 2 2553 01, 1 2554 01
	Double angle ball valve: KV555 (UH13111)
	Elbow valve: KV557 (UH16004)
Ball (filler) valves (KP)	Ball valves with hose connection: KP502-KP503 / 1 2503 01-02 *KP502M-KP503M / 1 2503 11-12
	Garden tap: KP532-KP533 / 1 2504 01-02 *KP532M-KP533M / 1 2504 11-12
	Bibcock - mini: KP510, KP522 / 1 2510 00-01 *KP510M, KP522M / 1 2510 10-11
Water Strainers (LN)	LN662-LN667 / 1 2662 01-06
Diaphragm Pressure Reducers (RT)	RT692-RT697 / 1 2682 11-16 **RT692M-RT697M / 1 2682 21-26
Filter for potable water with reducer (RTF)	RTF692-RTF694 / 2 3011 01-03
Check valves (VP)	VP637-VP638 / 1 2634 03-04
Filter for potable water (FV)	FV692-FV694 / 2 3010 01-03
Drinking water manifold (RSV)	RSV102-RSV104 / 28530 02-04
Valves for product programme “UNITAS tapware”	Angle valve: 13110, 13109
	Switch: 19413
	Gate valve: 13301, 13401
	Safety valve: 13001, 13002, 13003, 13004
* Including the “M” series, which differs from the basic series only in the shape of the handle and has the same properties in contact with drinking water.	
** The “M” series has a filter cover made of CW725R, and the base series made of Grilamid.	

Products of the “UNITAS tapware” programme:

Product families	Products
Elite series (I23)*	Basin mixer (e11)
	Basin mixer (e12)
	Sanitary kitchen mixer (e20)
	Sanitary kitchen mixer (e21)
	Bath/shower mixer (e30)
	Shower mixer (e40)
	Bidet mixer (e50)
	Concealed mixer for basin (e80)
Fresh series (I18)*	Basin mixer (f11)
	Basin mixer (f12)
	Basin mixer (f15)

Product families	Products
	Sanitary kitchen mixer with pullout spray (f20)
	Sanitary kitchen mixer (f21)
	Sanitary kitchen mixer – flexible spout (f22)
	Bath/shower mixer (f30)
	Sanitary kitchen mixer (f25)
	Sanitary kitchen mixer – flexible spout (f32)
	Shower mixer (f40)
	Sanitary kitchen mixer (f26)
	Sanitary kitchen mixer – flexible spout (f24)
	Bidet mixer (f50)
	Thermostatic bath mixer (termo f30)
	Thermostatic shower mixer (termo f40)
Harmony series (l22)*	Basin mixer (h10)
	Sanitary wall kitchen mixer (h70)
	Bath/shower mixer (h30)
	Shower mixer (h40)
	Bidet mixer (h50)
Infinity series (l21)*	Basin mixer (i10)
	Basin mixer higher version (i11)
	Sanitary kitchen mixer (i20)
	Sanitary kitchen mixer (i21)
	Sanitary kitchen mixer (i22)
	Sanitary kitchen mixer (i23)
	Bath/shower mixer (i30)
	Shower mixer (i40)
	Sanitary wall mixer (i70)
	Bidet mixer (i50)
Project series (l09)*	Basin mixer (m10)
	Sanitary kitchen mixer (m20)
	Bath/shower mixer (m30)
	Shower mixer (m40)
	Bidet mixer (m50)
Simpaty series (l12)*	Basin mixer (s10)
	Sanitary kitchen mixer (s20)
	Sanitary kitchen mixer (s21)
	Sanitary wall kitchen mixer (s70)
	Sanitary wall kitchen mixer (s75)
	Basin mixer - for hospitals (s71)
	Sanitary kitchen mixer (s22)
	Bath/shower mixer (s31)
	Bath/shower mixer (s30)
	Shower mixer (s40)
	Sanitary kitchen mixer (s23)
	Mixer for sink and bath (s32)
	Bath/shower mixer (s45)
	Bidet mixer (s50)
	Basin mixer - for hospitals (s10)
SQ series (l24)*	Basin mixer (q11)
	Basin mixer higher version (q12)
	Bath/shower mixer (q30)
	Shower mixer (q40)
	Bidet mixer (q50)
Concealed mixers*	Concealed shower mixer (b90)
	Concealed bath/shower mixer (b91)
* Accessories (shower handles, shower hoses, consoles, shower nozzles, shower heads, all siphon parts) are not part of the certification. The associated valves (KV553 and additional valves for "UNITAS tapware")	

Product families	Products
<i>programme) are part of the certificate ("Valves" Programme).</i>	

List of materials in contact with drinking water

Product programmes	Materials in contact with drinking water
Products of the "Valves" programme	Copper alloy, i.e. brass: - CC770S - CW617N - CW725R
	Stainless steel: - 1.4301 (X5CrNi18-10, AISI 304, A2) - 1.4305 (X8CrNiS18-9, AISI 303) - 1.4306 (X2CrNi19-11, AISI 304L) 1.4310 (X10CrNi18-8, X12CrNi17-7, AISI 301, AISI 302)
	Organic materials: - DW20 1T DN15 - EPDM 70ShA - EPDM 80ShA - Grilamid TR 90 Natural - Hostaform C9021 - Hostaform C9021 black - KLINGERIT - Novapress 260 - NBR 70 ShA - NV20 DN20 - PA6 30% - PE-LD - PTFE 55 SHA PURE
Products of the "UNITAS tapware" programme	Coatings: - Ni-Cr coating on the ball (products: all ball valves, KV and KP); - Ni-Cr coating on the brass housing (products: KV550-KV551, KV552, KP502-KP503) - Sn-Ni coating (TEA method) on the ball CW725R+TEA (products: KV602-KV607, KV622-KV623) - Ni-Co-Sn coating on the brass ball (products: KP 502, KP 532)
	Copper alloy, i.e. brass: - CC770S* - CW508 - CW614N* - CW617N*
	Stainless steel: - 1.4310 (AISI 301, AISI 302)*
<i>* The material is already on the list of materials for "Valves" programme.</i>	

End of the Annex