



INSTITUTE FOR TESTING AND CERTIFICATION  
třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic

# TESTIMONIAL

## No. 23 005

confirms that the product

**Stainless steel floor shower drains, type APZ13, APZ23 with plastic traps, type APZ-S12, APZ-S9, APZ-S6 and stainless steel gratings, type Code, Route, Smile, Zip, Insert, Stream and Space stainless steel floor trough APZ23-DOUBLE9, APZ13-DOUBLE6, APZ13-DOUBLE9 (FIT and GO - trough APZ13 with double-sided DOUBLE grating) with plastic air traps APZ-S6, AEP-S9, AEP-S12 and combined odour traps P143, P144, P145**

manufactured by

**Alcadrain, s. r. o.**  
**Komunardů 1626/35**  
**170 00 Praha 7 – Holešovice**  
**Czech Republic**  
IČ:25655809

Achieves for specified parameters the values listed in the Annex 1 and 2.


This certificate is issued on the basis of the product description, documentation and the result of the evaluation stated in the final protocol No. **315200063/2023**, prepared by ITC, a.s. Zlín on 2023-06-30.

*Conditions of the testimonial use and related information:*

- 1. The testimonial applies only to the above models of the product.*
- 2. The testimonial remains valid, unless there are changes of the manufacturing technology, applied standards or relevant regulations, but at the latest until expiry date.*
- 3. The validity of the testimonial can be verified on [www.itczlin.cz](http://www.itczlin.cz).*

Valid until: 2026-06-30  
Issued in Zlín, on 2023-06-30



  
Ing. Vlastimil Kučera, Ph.D.  
Director of Division CSI

**Annex No. 1/23 005**

Technical characteristic	Measuring unit	Value obtained <sup>1)</sup>	Value obtained <sup>2)</sup>	Value obtained <sup>3)</sup>	Ascertaining procedures (testing methods)
Flow rates without grating / grating SMILE / grating ZIP	l/s	0,7 / 0,7 / 0,7	0,7 / 0,7 / 0,7	0,5 / 0,5 / 0,5	ČSN EN 1253-1, art. 5.9
Loading test – grating SMILE	mm	without visible crack or break, permanent set 0,2 mm			ČSN EN 1253-1, art. 5.6
– grating ZIP		without visible crack or break, permanent set 0,0 mm			
Watertightness for bodies and extensions	-	no water leaks through the body walls, welds or joints	no water leaks through the body walls, welds or joints	no water leaks through the body walls, welds or joints	ČSN EN 1253-1, art. 5.8.2

<sup>1)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ13 with the trap APZ-S12.

<sup>2)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ13 with the trap APZ-S9.

<sup>3)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ13 with the trap APZ-S6.

Technical characteristic	Measuring unit	Value obtained <sup>1)</sup>	Value obtained <sup>2)</sup>	Value obtained <sup>3)</sup>	Ascertaining procedures (testing methods)
Depth of water seal	mm	35 – 36	12 – 14	37 – 40	ČSN EN 1253-1, art. 5.3.1
Flow rates without grating / grating	l/s	0,45 / 0,41	0,62 / 0,53	0,65 / 0,61	ČSN EN 1253-1, art. 5.9
Watertightness for bodies and extensions	-	no water leaks through the body walls, welds or joints	no water leaks through the body walls, welds or joints	no water leaks through the body walls, welds or joints	ČSN EN 1253-1, art. 5.8.2

<sup>4)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ13- DOUBLE9 with the trap APZ-S6.

<sup>5)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ13- DOUBLE9 with the trap APZ-S9.

<sup>6)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ13- DOUBLE9 with the trap APZ-S12.

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**Příloha č. 2/23 005**


<b>Technical characteristic</b>	<b>Measuring unit</b>	<b>Value obtained</b>	<b>Ascertaining procedures (testing methods)</b>
Flow rates without grating / full grating	l/s	0,54 / 0,53	ČSN EN 1253-1, art. 5.9
Loading test – full grating	mm	without visible crack or break, permanent set 0,45 mm	ČSN EN 1253-1, art. 5.6
Watertightness for bodies and extensions	-	no water leaks through the body walls, welds or joints	ČSN EN 1253-1, art. 5.8.2

<sup>1)</sup> The tests were carried out on the stainless steel floor shower drain, type APZ23-DOUBLE 9 with the trap APZ-S9.

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