



INSTITUTE FOR TESTING AND CERTIFICATION
763 02 ZLÍN - CZECH REPUBLIC

TESTIMONIAL No. 19 020

confirms that the product

Stainless steel floor shower drains, type APZ13 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 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

Alca PLAST, s. r. o.
Biskupský dvůr 2095/8
110 00 Praha 1 – Nové Město
Czech Republic
IČ:25655809

Achieves for specified parameters the values listed in the Annex 1/19 020 and 2/19 020.

The Testimonial is being issued on the basis of the ITC's document as follows:

- Test Report No. 462202024 issued by the accredited laboratory ITC, a. s. Zlín No. 1004, on 27th January 2017
- Test Report No. 313500989-01 issued by the accredited laboratory ITC, a. s. Zlín No. 1004, on 03th December 2019

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

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Valid until: 2022-12-31



Pavel Vaněk

Ing. Pavel Vaněk
* Director of Certification Division

Annex No. 1/19 020

Technical characteristic	Measuring unit	Value obtained ¹⁾	Value obtained ²⁾	Value obtained ³⁾	Ascertaining procedures (testing methods)
Appearance	-	- 4)	- 4)	- 4)	visually
Depth of water seal	mm	50 – 51	29 – 30	30 – 31	ČSN EN 1253-1, art. 5.3.1
Resistance of water seal to pressure	Pa	540 – 550	370 – 380 ⁵⁾	260 – 270 ⁶⁾	ČSN EN 1253-1, art. 5.3.2
Dimensions of apertures in gratings – grating SMILE – grating ZIP	mm	4,97 – 5,14 3,15 – 3,29 (wider) 5,61 – 5,72 (narrower)			ČSN EN 1253-1, art. 5.1
Acces for cleaning	mm	47,7 – 48,3 ⁷⁾	47,5 – 48,4 ⁷⁾	47,7 – 48,3 ⁷⁾	ČSN EN 1253-1, art. 5.4.1
Temperature cycling	-	no deformation of change in surface texture of any component which would impair the fitness for use	no deformation of change in surface texture of any component which would impair the fitness for use	no deformation of change in surface texture of any component which would impair the fitness for use	ČSN EN 1253-1, art. 5.5.1
Odour tightness	-	no leakage or pressure drop	no leakage or pressure drop	no leakage or pressure drop	ČSN EN 1253-1, art. 5.8.1
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 – grating ZIP	mm	without visible crack or break, permanent set 0,2 mm without visible crack or break, permanent set 0,0 mm			ČSN EN 1253-1, art. 5.6
Watertightness for bodies and extensions	-	no water leaks throught the body walls, welds or joints	no water leaks throught the body walls, welds or joints	no water leaks throught the body walls, welds or joints	ČSN EN 1253-1, art. 5.8.2

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

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

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

4) The inner and outer surfaces with no sharp edges and defects affecting the functionality of the outlet or enabling to cause injury.

5) The negative pressure of 400 Pa was not reached, it was used the negative pressure of (310 – 320) Pa – deviation from the standard.

6) The negative pressure of 400 Pa was not reached, it was used the negative pressure of (190 – 200) Pa – deviation from the standard.

7) Clear opening for cleaning.



Annex No. 2/19 020

Technical characteristic	Measuring unit	Value obtained ¹⁾	Value obtained ²⁾	Value obtained ³⁾	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

⁸⁾ The tests were carried out on the stainless steel floor shower drain, type APZ13- DOUBLE9 with the trap APZ-S6.

⁹⁾ The tests were carried out on the stainless steel floor shower drain, type APZ13- DOUBLE9 with the trap APZ-S9.

¹⁰⁾ The tests were carried out on the stainless steel floor shower drain, type APZ13- DOUBLE9 with the trap APZ-S12.



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