

QUALITY CONTROL TESTS OF MIXER BOX BOX300

Requested by	Joramark Oy Satulasepänkatu 6-8 FI - 70700 Kuopio FINLAND E-mail: info@joramark.fi
Order ref.	Quality control contract VTT-V-41562-09
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Assignment	Quality control tests of mixer box BOX300
Sample details	The customer delivered one sample of BOX300, including bushings and closures for auxiliary openings, to Eurofins Expert Services Oy on 1.10.2021. Markings: JORAMARK OY Kuopio Finland, BOX300, M7414/0921, SC0483-09, L J, RISE1002, Eurofins Expert Services. 300x300, Dimension: 300x300x80
Methods	Nordtest Method NT VVS 129. 2002. 6.4.9 Water tightness by internal splashing, 6.4.10 Water tightness of bushings and 6.4.11 Water capacity of the drain.

Water capacity measurement of the drain:

Water was supplied to the mixer box so that water level was steady 10 mm under the lower edge of the service opening.

Supplied flow rate was measured by a magnetic flow meter.

Drain pipe:

- 28 mm protection pipe, length: 2.0 m,
- height difference between the middle level of the mixer box and pipe end below cover plate 1.0 m

Results

Test results are presented in the Table 1.

Table 1. Test results

Date of testing: 2.11.2021

Test (NT VVS 129)	Result	Requirement
6.4.9 Water tightness by internal splashing	no leakage	no leakage
6.4.10 Water tightness of bushings	no leakage	no leakage
6.4.11 Water capacity of the drain	0.27 l/s	≥ 0.25 l/s
6.4.12 Resistance to pull out of the protection pipe 100 N, 15 min	passed	100 N, 15 min



Picture 1: Samples

Espoo, 9.11.2021

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Appendices -

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