

QUALITY CONTROL TESTS OF MIXER BOX BOX300

Requested by Joramark Oy
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Assignment **Quality control tests of mixer box BOX300**

Sample details The customer delivered one sample of BOX300 to Eurofins Expert Services Oy on 21.5.2019.

Markings: JORAMARK OY Kuopio Finland, L|J, SP SITAC 1002, BOX300 SC0483-09, M7351/0519, VTT. 70100-REVO1, 300x300.

Dimension: 300x300x80

Methods Nordtest Method NT VVS 129. 2002. 6.4.9 Watertightness by internal splashing, 6.4.10 Watertightness of bushings and 6.4.11 Water capacity of the drain.

Water capacity measurement of the drain:

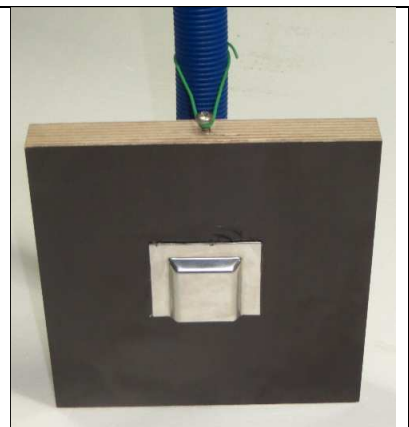
Water was supplied to the mixer box so that water level was steady 10 mm under the lower edge of the service opening.

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

Fig.1. The cover plate for covering the end of the drain pipe, mounted in plywood for measuring water capacity of the drain.



Results

Test results are presented in the Table 1.

Table 1. Test results

Test (NT VVS 129)	Result	Requirement
6.4.9 Watertightness by internal splashing	no leakage	No
6.4.10 Watertightness of bushings	no leakage	leakage
6.4.11 Water capacity of the drain	> 0,3 l/s	≥ 0,25 l/s
6.4.12 Resistance to pull out of the protection pipe 100 N, 15 min	passed	passed

Espoo, 12.6.2019



Ville Matveinen
Expert



Christer Björklund
Laboratory Technician

Appendices -

Distribution Customer, electronically approved
RISE certification, electronically approved