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QUALITY CONTROL TESTS OF MIXER BOX BOX300

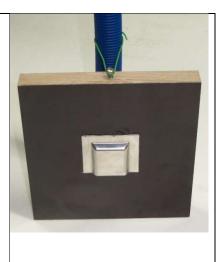|	
Requested by	Joramark Oy Satulasepänkatu 6-8 FI - 70700 Kuopio FINLAND info@joramark.fi
Order ref.	Quality control contract VTT-V-41562-09
Contact person	**Eurofins Expert Services Oy** Expert Ville Matveinen Kemistintie 3 02151 Espoo VilleMatveinen@eurofins.fi
Assignment	**Quality control tests of mixer box BOX300**
Sample details	The customer delivered one sample of BOX300 to Eurofins Expert Services Oy on 14.10.2020. Markings: JORAMARK OY Kuopio Finland, BOX300, M7279/0920, SC0483-09, ⌐¬ , RISE1002, Eurofins Expert Services. 300x300, 3089 korokep. 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.

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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, 26.10.2020

Ville Matveinen   *Christer Björklund*

Expert   *Laboratory Technician*

Appendices   -

Distribution   Customer, electronically approved

RISE certification, electronically approved

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