

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

### 1299 – CPR - 0170

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Fire hose system with lay-flat hose d = 52 mm**  
type: **LUX-LC-1**  
(components specification is stated on the back page)

placed on the market under the name of  
**TÜZBIZTONSÁG 2000 Kft., Berni u. 1. C épület 1., 1045 Budapest, Hungary**  
and produced in the manufacturing plant  
**TÜZBIZTONSÁG 2000 Kft., Berni u. 1. C épület 1., 1045 Budapest, Hungary**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 671-2: 2012**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the


**constancy of performance of the construction product.**

This certificate was first issued on October 31st, 2016 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The certificate shall be supported through annual continuous surveillance and reissued after each surveillance. This certificate shall be reissued not later than October 30th, 2022. A new issue of the certificate is conditioned by positive results of the surveillance.

Piešťany October 25th, 2021  
Issue: 6



  
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on behalf of TSU Piešťany š.p.  
Notified body 1299

Components specification:

1. Inlet stop valve:
  - a) hydrant copper valve, dimension: G2", PN 16, manuf. / supplier: Bodtech Sp. z o.o., Poland
  - b) hydrant aluminium valve, dimension: G2", PN 16, manuf. / supplier: Bodtech Sp. z o.o., Poland
2. Lay flat hose:
  - a) dimension 52 mm, manufacturer / supplier: Taizhou Zhongyu Fire-Fighting Equipment Co. Ltd., China
  - b) dimension 52 mm, manufacturer / supplier: Zhongyu Fire-Fighting Equipment Co. Ltd., China
  - c) dimension 52 mm, manufacturer / supplier: Bodtech Sp. z o.o., Poland
3. Nozzle combined:
  - a) dimension 2", given equiv. diameter: 13, manufacturer / supplier: Ningbo, China
4. Cabinet and reel: manufacturer / supplier: TUZBIZTONSAG 2000 Kft., Hungary

Minimum K – coefficient for configuration 1a) + 2a) + 3a):

- jet: 73 (l/min.MPa<sup>-1/2</sup>)
- spray: 112 (l/min.MPa<sup>-1/2</sup>)

Minimum flow rate: (MPa/l.min<sup>-1</sup>) 0,4/147

Minimum K – coefficient for configuration 1a) + 2b) + 3a):

- jet: 84 (l/min.MPa<sup>-1/2</sup>)
- spray: 115 (l/min.MPa<sup>-1/2</sup>)

Minimum flow rate: (MPa/l.min<sup>-1</sup>) 0,4/169

Minimum K – coefficient for configuration 1a) + 2c) + 3a):

- jet: 87 (l/min.MPa<sup>-1/2</sup>)
- spray: 112 (l/min.MPa<sup>-1/2</sup>)

Minimum flow rate: (MPa/l.min<sup>-1</sup>) 0,4/174

Minimum K – coefficient for configuration 1b) + 2c) + 3a):

- jet: 96 (l/min.MPa<sup>-1/2</sup>)
- spray: 110 (l/min.MPa<sup>-1/2</sup>)

Minimum flow rate: (MPa/l.min<sup>-1</sup>) 0,4/196

Cabinets dimensions: 500x500x140 Minibox, 570x500x180, 570x500x200, 650x400x250, 650x450x250, 650x550x200, 650x550x250, 600x600x250, 650x735x250, 735x600x250, 735x650x250, 900x650x250.

Special size cabinets and the arrange of their content shall comply with EN 671-2: 2012 standard.

The hose support used in cabinets is reel, cradle or basket. In Minibox cabinets only cradle shall be used. Cabinets can be equipped with steel (full) door or glass door and made of full INOX or with INOX frame (stainless steel).

