

## EC - CERTIFICATE OF CONFORMITY

### 1299 - CPD - 0100

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

**Fire Hose Reel Cabinet with Semi-Rigid Hose, type: EN 671-1**

**Hose diameter: d = 25 mm**

**Model: Series UB 10 : UB-11, UB-12, UB-13 and UB-14**

**Series UB 20 : UB-21, UB-22, UB-23, UB-24, UB-25, UB-26, UB-27 and UB-28**

**Series UB 30 : UB-31, UB-32, UB-33 and UB-34**

(specification is stated on the back page)

is suitable for prime quenching of fire in buildings and other construction works permanently connected to a water supply and allows system operation by one person,

placed on the market by producer

**BERKSAN MAKİNA SANAYİ VE DIŞ TİC. LTD. ŞTİ.  
KOBİ ORGANİZE SAN. BÖLGESİ 108. CAD NO:2 ESKİŞEHİR TÜRKİYE**

and produced in the factory

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is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body No. 1299 - Technický skúšobný ústav Piešťany, š.p. - has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

**EN 671-1: 2012**

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on April 12th, 2013 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

## Characteristic of construction product

### a) Distribution of extinguishing media:

- hose bore,
- minimum flow rate,
- effective throw range,
- spray discharge.

### b) Operational reliability:

- reel - design,
- reel - rotating,
- reel - swinging,
- reel - resistance to impact,
- reel - resistance to load,
- hose - general,
- shut-off nozzle - resistance to impact,
- shut-off nozzle - operating torque,
- inlet stop valve - general,
- inlet stop valve - manual inlet stop valve,
- hydraulic properties - resistance to internal pressure,
- hydraulic properties –strength.

### c) Ability to pull out the hose:

- reel - unwinding load,
- reel - dynamic braking,
- hose - maximum length.

### d) Durability of operational reliability:

- resistance to external corrosion of coated part,
- resistance to corrosion of waterways,
- ageing tests for plastics materials.

### Specification:

#### Minimum K – coefficient:

- jet:  $K = 35 \text{ (l/min.MPa}^{-1/2}\text{)}$ ;
- spray:  $K = 38 \text{ (l/min.MPa}^{-1/2}\text{)}$

Minimum flow rate:  $(\text{MPa.l.min}^{-1}) 0,4/70$

### Components specification:

#### 1. Inlet stop valve:

dimension: G2", PN 16, manufacturer or supplier: Yilka Petrol Tekstil LTD, ŞTİ, Turkey

#### 2. Semi-rigid hose: trade mark ÇELİK, dimension: $d = 25 \text{ mm}$ , class - type: A-2; manufacturer or supplier: Çelik Kauçuk ve Plastik Hortum San. ve Tic. Ltd. Şti., Turkey

#### 3. Combined nozzle:

equiv. diameter: 9, manufacturer or supplier: A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET, LTD, ŞTİ, Turkey

#### 4. Cabinet and reel: manufacturer or supplier: BERKSAN MAKİNA SANAYİ VE DIŞ TİC. LTD. ŞTİ., Turkey