

# ***ELIDE FIRE*** Instructions for Use

*Fire Extinguishing Ball Manual*



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***ELIDE FIRE BALL PRO CO., LTD.***

**Fire Extinguishing Ball Manual**



# Fire Extinguishing Ball Manual

## 1. Safety directions

Read carefully all information contained in the Instructions for Use.

At handling with the agent, maintain the stated instructions and procedures.

The agent is determined for extinguishing starting fires

(e.g., apartments, houses, cottages, automobiles, administrative and industrial objects, etc.)



- Do not open damage or dismantle a product.



- Use the agent to install an automatic surveillance only with B, C and Electric Class fires.
- Do not use for extinguishing alkaline materials the burning of which takes place without inlet of air.

- After pouring out the extinguishing powder mixture, sweep up (vacuum-clean) the space and rinse with water.
- Vapour of the extinguishing powder mixture may cause eye or air passages irritation.



# Fire Extinguishing Ball Manual



## 2. Basic information and parameters

Content of package

1 pc extinguishing ball

1 pc instruction for use

1 pc holder with clip anchors



## Technical information



- Weight of extinguishing powder mixture: 1.3 +/- 0.2 kg
- Total weight of the agent: 1.5 +/- 0.2 kg
- NEC: 4.0 g
- Diameter  $\varnothing$ : 147 mm
- Product type: Other pyrotechnic products, pyrotechnic extinguishing agents
- Category P 1
- Registration number: 1395 - P1 - 0128/2010 (EU Standard)



- Warning audio signal: 120 dB (Impulse Noise)
- Usability and storing temperature: - 40 + 85 °C



- The agent will ensure the extinguishing of starting fire in rooms within distance up to 8-10 m, fire in volume about 30-35 m<sup>3</sup>.



- Effect of its fall from the height up to 2.5 m without violation of functionality.



## Extinguishing ability for extinguishing the beginning fires

- A Class Solid burning material  
 B Class Liquid burning material  
 C Class Fires involving combustible gases  
 Electric Electric equipment under voltage up to 5,000 V  
 (B, C, Electric Class Use of surveillance only)



Symbol of fire A, B, C and Electric Class in conformity with EU Standard



## Characteristics of the agent and description of principle of functioning

The agent consists of a protection jacket, extinguishing powder mixture Elide Fire ABC dry chemical powder, special pressure equipment and a net of activation ignition cords.

After contact with an open fire, the agent activates, the protection jacket of the ball explodes, warning signal is made and released extinguishing powder mixture extinguishes the starting fire in its vicinity.

# Fire Extinguishing Ball Manual



## 3. Manual and automatic usage

### Manual usage at extinguishing of starting fire in a room (Class A only)

- Have the ball always placed at the visible and accessible place.
- At the starting fire throw/roll the ball into the fire from the safe distance.
- It self-activates after contacting fire up to 3 - 10 sec. and extinguishes the starting fire.
- In the case of necessity throw more ELIDE FIRE balls into the fire.



### Manual usage outside or in a garage fire extinguishing a vehicle (Class A only)

At the starting fire, throw to the vehicle at least two ELIDE FIRE fire extinguishing balls and remove immediately into safe distance.

# Fire Extinguishing Ball Manual



## 3. Manual and automatic usage

### Manual usage at extinguishing of starting fire in a room (Class A only)

- Have the ball always placed at the visible and accessible place.
- At the starting fire throw/roll the ball into the fire from the safe distance.
- It self-activates after contacting fire up to 3 - 10 sec. and extinguishes the starting fire.
- In the case of necessity throw more ELIDE FIRE balls into the fire.



### Manual usage outside or in a garage fire extinguishing a vehicle (Class A only)

At the starting fire, throw to the vehicle at least two ELIDE FIRE fire extinguishing balls and remove immediately into safe distance.



## Fire Extinguishing Ball Manual



### Automatic usage in rooms

- Install automatic fire surveillance. For all types of fires.
- Install ELIDE FIRE 10 - 30 cm above the place with a high risk of fire origin. (Garages, kitchens, places in vicinity of fire-places, electric circuit breakers, outlets, etc)
- Be sure that an arrow on the product package is always directed upwards.
- The agent self-activates after contacting fire, it gives a warning audio signal and extinguishes the starting fire.



### 4. Safe storing, maintenance, transport and destroy of extinguishing agent

- Store ELIDE FIRE at a dry place without approach of solar radiation.
- Usage and storing temperature may not drop under  $-40^{\circ}\text{C}$  and exceed  $+85^{\circ}\text{C}$ .



- Do not clean the ball with water, do not soak or immerse it. Contact with water or wet environment may seriously damage the product.



- After pouring out the content of ELIDE FIRE, sweep up and rinse with water the dirty space.

# Fire Extinguishing Ball Manual



- It is possible to transport the extinguishing agent by plane, train, ship, bus and by truck or personal car. In the case the ELIDE FIRE ball falls from the height of more than 2.5 m, the producer does not guarantee the functionality of a product.
- If the ball is seriously damaged or when the guarantee period for usage lapses, the product must be returned to the distributor.



## 5. Guarantee

If all principles on safe usage, maintenance and storing of the agent contained in this manual are maintained, the guarantee period of the usage of the product is at least 5 years.

The producer guarantees the compliance of the equipment with the stated technical characteristics when the conditions of the usage, transport and storing are maintained by a user.

**Made in Thailand**



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