

# Patria

## 120 mm Mortar Illuminating Bomb



### Characteristics

- 120 mm Mortar Illuminating (MILL) -Bomb which ejects one burning Illuminating candle with parachute
- It is used for illumination of areas during night missions or low visibility conditions
- Compatible with Standard Muzzle loaded 120 mm Mortar Systems
- Compatible also with Patria's Turreted Mortar Systems (AMOS® and Nemo®) when Stub Case is added
- The Bomb is fully tested and qualified for Finnish Defence Forces
- Fuzed Bombs are delivered in 2-round Box
- UN-Code and Hazard Division UN 0171 1.2G

### Performance

- Muzzle Velocity 128...390 m/s and corresponding Range 0,3... 8,3 km (From AMOS® and Nemo®)
- Flying mass 14 kg
- Upon Time Fuze function In a height from 500m to 700m the Front and Rear Body are split and payload of Parachute and burning Illuminating Candle is ejected
- Total length with Time Fuze ~704 mm
- Probable error (of range) <0.5% (range) x <0.3% (deflection)
- Operation temperature -40...+63°C
- Storage temperature -46...+71°C
- Visible Illuminating Intensity min. 1 000 000 Cd
- Illuminating Time min. 50 s
- Maximum Operating Pressure 139 MPa

## Patria

**Patria Land Services Oy**

**Large Calibre Ammunition**

Vammaksentie 1, P.O. Box 18

FI-38201 Sastamala

Tel. +358 20 4691

[www.patria.fi](http://www.patria.fi)