



PRODUCT INFORMATION

BROCHURE

1.1B

SHOCK★STAR DUAL DELAY



Shock★Star Dual Delay detonators for surface application combine the Shock★Star MS detonator in the well and Shock★Star Surface.

This combination offers convenience for storage and inventory management of one product instead of two and often reduces space requirements for transportation. Blasting pattern connection is faster with Shock★Star Dual Delay, as fewer connections are required overall. As fewer individual products are used in the blasting pattern, clutter at connection points is reduced and visual inspections are easier.

PRODUCT OVERVIEW

PROPERTIES

| Sequence of delays | | |
|---------------------|--------------------|----------------------|
| | Shock★Star Surface | Shock★Star MS |
| Nominal delay (ms)* | 17, 25, 42 | 500, 700, 800, 1,000 |

*Other delay are possible on request.

BENEFITS

- Base load of 720 mg/120 mg for well/ surface detonators
- High impact protection.
- Made with brightly colored shock tube (red or yellow) for good visibility.
- The excellent accuracy of the delay time guarantees a probability of sequence initiation greater than 99%.

STANDARD TECHNICAL DESCRIPTION

| Detonator | |
|-------------------------------|---|
| Capsule material | Aluminium |
| Base Load | 720 mg/120 mg |
| Water pressure resistance | 0.3 MPa /7 days |
| Application temperature range | -30°C +60°C |
| Labeling | Delay number, detonator type, delay ms, shock tube length, barcode and lot code (traceability), emergency number, product registration number (ANMaC) |
| Shock tube | |
| Detonation velocity | 2,000 ± 100 m/s |
| Color | Yellow/Red |

STANDARD PACKAGING

| Length (m) | Units/Box |
|------------|-----------|
| 12 | 75 |
| 18 | 50 |
| 25 | 40 |
| 30 | 30 |

Shock★Star Dual Delay are packed in cardboard boxes of exterior dimensions 533 x 271 x 277 mm Other shock tube lengths are possible on request.

USE

- Open pit mining
- Underground mining
- Quarries
- Civil Works and Demolitions

SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is two years from the date of manufacture under suitable storage conditions.
- Recommended conditions: -30°C to +40°C, Relative Humidity max. 65%, in original package.
- Shock★Star DD should be stored in detonator magazines. Detonators cannot be stored in the same magazines as high explosives (cartridge emulsions, boosters, etc.) and blasting agents (ANFO). These magazines must comply with current legal requirements.
- Disposal: According to local regulations. If in doubt consult with the supplier.

Contact your local Austin Powder representative for further information.

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TRANSPORT – UN CLASSIFICATION

Shipping Name: NON-ELECTRIC DETONATOR ASSEMBLIES
 Class & Division: 1.1B
 ID Number: UN 0360



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