

# EXSALINE

**EXSALINE** is a detonator sensitive emulsion explosive in small diameter cartridges, traced with 10g/m detonating cord that achieves a uniform cutting effect on the rock and ensures a fast and complete detonation. Designed for perimeter blasting applications such as smooth wall blasting, trimming and pre-splitting, in surface mining operations.

The 10 gram detonation cord has a tensile resistance of up to 70 kg, sufficient to support the entire column of **EXSALINE**.

## Properties

- Sensitive to a N°8 detonator and low-weight detonation cord.
- High detonation velocity.
- Excellent water resistance and can be used in wet and dry blastholes.
- Medium density.
- Zero elongation of the detonation cord in a 48 hour suspension test.

## Technical characteristics

Technical specifications	Units	EXSALINE
Density	g/cm <sup>3</sup>	1.12 ± 3%
Detonation velocity	m/s	5,100 ± 200
Detonation pressure	kbar	84
Energy	KJ/kg	3,915
RWS**	%	103
RBS*	%	143
Water resistance		Excellent

\*Without confinement in a 30 mm tinplate tube.

\*\* Calculated with the TERMODET simulation program.

## Presentation and packing

Emulsion explosive cartridge in continuous plastic sheet with a 10 g/m detonation cord attached to the emulsion cartridges.

PRODUCT	Strings / Box	Cartridges / Box	Free cord / String	Total metres / String
EXSALINE 1S 1 1/2x16"	1	33	4	18
EXSALINE 2S 1 1/2x16"	2	44	7.2	33
EXSALINE 3S 1 1/2x16"	3	36	7.2	12
EXSALINE 2S 1 1/8x12"	2	80	6	19

For other cartridge forms ask EXSA.



## Storage and guarantee

Kept in its original packaging and stored in normal conditions of temperature and humidity, complying with current regulations, the product is guaranteed for 12 months from its date of manufacture.

## Transport

Explosives type E  
CLASS: 1  
DIVISION: 1.1 D  
N° ONU: 0241



### DISCLAIMER

These explosives have been inspected and are in good condition before packaging and/or delivery. They must be stored in a cool, dry and well-ventilated area, handled and transported in accordance with the current legislation. Therefore, since their delivery to the buyers, the manufacturer is not liable for its safety or for the achievement of the desired results, be they explicit or implicit. The entire risk and responsibility, whatever their nature, from accidents, losses, damage to property or persons (including death), whether direct, indirect, special and / or consequential or of any other type derived from the use of these explosives is the buyers from the delivery thereof.