

# EM-EX SEISMIC



## Product Description

**EM-EX Seismic** is a detonator sensitive emulsion explosive specifically designed for seismic exploration. It has high strength, high velocity of detonation and excellent water resistance. The explosive density is designed to ensure that the cartridge sinks in water.

## Technical data

Density:	1.18 g/cm <sup>3</sup>
Velocity of detonation (Unconfined):	5.200 m/sec
Water Resistance:	Excellent
Initiation:	Strength No.8 - or equivalent Nonel or Electric Detonator
Shelf life:	6 months

## Application

**EM-EX Seismic** provides a compact explosive charge with a high velocity of detonation. These properties facilitate the delivery of a clean, point source signal into the surrounding rock. It has excellent water resistance even in dynamic water situations. **EM-EX Seismic** can be reliably initiated by a detonator of No.8 or greater strength. A detonator shield must be used with every primed cartridge to ensure firing. Care must be taken to ensure that the detonator is placed inside of seismic emulsion cartridges properly. If it is needed, rigid plastic case can be drilled in order to guarantee proper priming. Connect tubes of **EM-EX Seismic** by screwing them together, before they are inserted into the blasthole.

## Product range and packaging

**EM-EX Seismic** cartridges are packed in cases. The rigid plastic cartridges, with positive screw coupling, give flexibility of charge size at the shot hole.

Cartridge (1) dimensions (mm)	Cartridge (2) weight (gr)	Number of cartridges/box
50 x 230	500	50
50 x 450	1000	20
65 x 530	2000	10

1. Diameter is inner-diameter of rigid plastic cartridges and exactly diameter of emulsion explosive.  
Length is inner-length of rigid plastic cartridges and exactly length of emulsion explosive.
2. Exact weight of emulsion explosive, weight rigid plastic cartridge is ignored.

## Storage and Transport

**EM-EX Seismic** should be stored in a suitable licensed explosive magazine. It is best stored at temperatures above -15°C (5°F). This is especially important in cold weather "load and shoot" worksites where there is insufficient inhole warm-up time. **EM-EX Seismic** should be transported between -15°C and +30°C.

## Product classification

Commercial Name:	<b>EM-EX Seismic</b>
Technical Name:	Explosive, blasting, type E
UN-number:	0241
Division/Compatibility Group:	1.1D



CE