

EXAGEL-E

High brisance explosive emulsion ideal for negative boreholes and vertical shafts in hard and very hard rock. Reduces crushing costs by providing a high energy level per volume unit. High capacity for confinement and coupling in horizontal fronts thanks to its viscosity in addition to excellent water resistance.

Recommendations for use:

- Tunnels and underground mining (galleries, developments, ramp, vertical shaft deepening and production pits).
- Recommended for boreholes with water, even fully flooded, and with dynamic water presence.
- Do not open or roll the cartridges.
- For safety handling and storage considerations, see Exsa safety sheet.

Technical Characteristics

Technical Specifications	Units	Exagel-E 65	Exagel-E 80
Density	g/cm ³	1.12 ± 3%	1.14 ± 3%
Detonation velocity *	m/s	5,100 ± 200	5,300 ± 200
Detonation pressure **	kbar	85	83
Energy**	KJ/kg	4,100	4,220
RWS **	%	111	114
RBS **	%	151	159
Density		Excellent	Excellent
Detonation velocity *		1 st	1 st

* Unconfined, in 30 mm-diameter tin tube.

** Calculated with TERMODET simulation program.

Presentation and Packaging

Explosive mass cartridge in plastic film, arranged in plastic bags, packed in corrugated cardboard boxes.

Net Weight	25 kg			
Gross Weight	26.3 kg			
Box Dimensions	Ext. 35 x 45 x 28 cm			
Material	Corrugated cardboard box			
Product	Inches		UN/Box	Mass g/UN
EXAGEL-E65	2	16	26	962
EXAGEL-E65	1 ½	12	62	403
EXAGEL-E65	1	12	140	179
EXAGEL-E80	1 ½	12	62	403

Variations in the number and weight of the cartridges in the box may occur to keep the standard of 25 kg/box.

Ask Exsa for other cartridge formats.

DISCLAIMER OF LIABILITY

These explosives have been inspected and found to be in good condition prior to packaging and/or delivery thereof. These explosives must be stored in a cool, dry and well-ventilated place, and be handled and transported in accordance with applicable laws.

Accordingly, as from being delivered to the purchasers, the manufacturer shall not be liable for the safety of these explosives or for obtaining any results sought, whether express or implied. As from the delivery of these explosives, the purchasers thereof shall be liable for any and all risks and liability, regardless of their nature, for any accidents, losses, property or personal damages (including death), whether direct, indirect, special and/or consequential or of any other nature arising from the use of these explosives.



Storage and Warranty

Kept in its original packaging and stored under normal temperature and moisture conditions, in accordance with applicable laws and provisions, the product is warranted for 6 months from the manufacturing date.

Transportation

CLASS: 1
DIVISION: 1.1 D
UN N°: 0241

