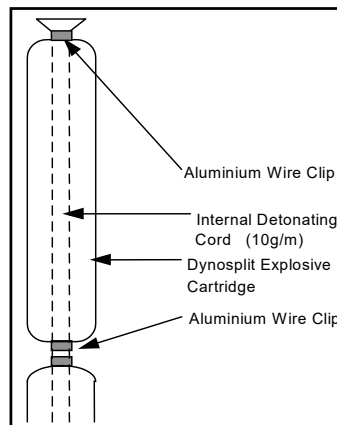


DynoSplit® PRO

26 and 32mm Continuous Pre-split Product

Technical
Information



Description

DynoSplit® PRO is a high strength emulsion explosive produced in a continuous cartridge form used in pre-splitting applications. It is detonator sensitive and has 10 g/m detonating cord running internally through the entire length of the product.

Application

DynoSplit PRO has been specifically designed for perimeter control blasting where a continuous length of decoupled charge is required. It can be used in smooth wall blasting, trim and pre-split for final pit walls, high walls, construction cuts and other special applications.

Features and Benefits

- The small diameter (with associated decoupling) and high velocity of detonation minimises blast damage to the blast-hole wall resulting in minimal wall damage.
- DynoSplit PRO is water resistant
- DynoSplit PRO is suitable for a range of blast-hole diameters. It is available in 26mm and 32 mm diameter cartridges.
- The continuous cartridge product can easily be loaded by one person.

Properties

Nominal Density (g/cm ³) ¹	1.15 – 1.21 g/cc
Velocity of Detonation (VoD) ²	Min 6500 m/s
Water Resistance	High
Maximum Temperature	55°C
Relative Weight Strength (RWS) % ³	100%
Relative Bulk Strength (RBS) %	147%

NOTES:

1. Values are indicative average densities only, determined under laboratory conditions. Observed densities may differ or vary under field conditions. Nominal in hole density only.
2. VoD of product is dependent on VoD of detonating cord.
3. Energy values are calculated using a proprietary detonation code. Effective energy is relative to ANFO at a density of 0.8 g/cc. Energies quoted are based on detonation calculations with a 100Mpa cut off pressure.

Hazardous Shipping Description

Explosive, Blasting, Type E 1.1D UN 0241



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Recommendations

Use - Presplit holes should be drilled at diameters and spacing determined by local conditions and requirements.

Priming - A minimum No. 8 strength detonator is required for reliable initiation. Alternatively 5 g/m detonating cord can be used as an initiating down-line.

Water Resistance - DynoSplit PRO pre-split product has excellent water resistance.

Temperature Range - Recommended for use in ambient temperatures from 0°C to 55°C.

Shelf Life - DynoSplit PRO explosive has a recommended maximum shelf life of 18 months when transported and stored under ideal conditions.

Sleep Time - The maximum sleep time is dependent on ground conditions and the recommended sleep time of other products in the hole.

Packaging

DynoSplit PRO is produced in 17kg cases. All weights quoted include the internal 10g/m detonating cord.

Diameter	Quantity	Case Weight
mm	m/case	kg
26	27.0	17
32	20.0	17

Safe handling, transportation and storage

First Aid - You can find detailed first aid information on the relevant Dyno Nobel Safety Data Sheet. Refer to www.dynonobel.com for more information if required.

Safety - All explosives are classified as dangerous goods and can cause personal injury and damage to property if used incorrectly.

Transportation and Storage - All explosives must be handled, transported and stored in accordance with all relevant regulations. Stock should be rotated such that older product is used first.

Product Disclaimer The explosive products discussed in this document should only be handled by persons with the appropriate technical skills, training and licences. While Dyno Nobel has made every effort to ensure the information in this document is correct, every user is responsible for understanding the safe and correct use of the products. If you need specific technical advice or have any questions, you should contact your Dyno Nobel representative. This information is provided without any warranty, express or implied, regarding its correctness or accuracy, the safety or suitability thereof, or the results to be obtained and, to the maximum extent permitted by law, Dyno Nobel expressly disclaims any and all liability arising from the use of this document or the information contained herein (including without limitation any implied warranty of merchantability or fitness for a particular purpose or any other warranty). It is solely the responsibility of the user to make enquiries, obtain advice and determine the safe conditions for use of the products referred to herein and the user assumes risk, liability and responsibility for any loss, damage, expense or cost resulting from such use. Under no circumstances shall Dyno Nobel or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

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