Subtektm Control
SMOOTH WALL BLASTING METHODS FOR FASTER MINE DEVELOPMENT

Subtektm Control is a bulk emulsion product which provides a range of explosives energies in a single face. Subtektm Control is available from regular charging equipment using standard hose handling techniques.

Uniquely, in perimeter holes after charging the product decouples from the walls of the blast hole leaving an air gap, reducing the shock and detonation pressure well below that in a fully coupled blast hole.

SAFETY AND QUALITY
- No pullout / ejection means no wasted energy and safer muckpiles
- Explosive charge is always the correct length
- Identification of correct perimeter energy via fluorescent effect

REDUCED OVERBREAK
- Reduces mucking time
- Reduces haulage of waste
- Reduced damage around the excavation
- Increases advance rates
- Reduces overall cost of development
- Effective use of blasting energy

REDUCED UNDERBREAK
- Reduces need to strip
- Improves productivity

REDUCED PERIMETER DAMAGE
- Reduces the need for scaling
- Reduces exposure to rock fall

MORE EFFICIENT THAN PACKAGED PRODUCTS
- Fast cycle times
- Reduces manual handling
- Less trips to the magazines

PRODUCT TECHNICAL PROPERTIES

<table>
<thead>
<tr>
<th>In hole density range (coupled)</th>
<th>0.55 – 1.2 g/cc</th>
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<tbody>
<tr>
<td>Typical VOD</td>
<td>2.5 – 6.2 km/sec</td>
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<tr>
<td>Minimum diameter</td>
<td>45 mm (for 1.0 g/cc density)</td>
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<tr>
<td>Relative Bulk Strength</td>
<td>36 – 138%</td>
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For further Technical information please visit orica.com to download the Subtektm Control Technical Data Sheet, or contact your local Orica representative.

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