

YIELDING PROP (WEDGE)

HIGH PERFORMANCE 400mm YIELDING ELONGATE

DESCRIPTION

The Yielding Prop is a high-performance support solution crafted from Saligna elongates. It features 8° precision-cut wedges designed to provide optimal yielding capabilities. The structure is reinforced with four securely attached wires, ensuring enhanced stability and durability.



INSTALLATION OF YIELDING PROP

- Conduct a thorough inspection of all equipment before use and complete the necessary checklists.
- Prior to commencing work, implement the following safety measures:
 - Test for the presence of flammable gases.
 - Measure the working environment's temperature.
 - Suppress dust levels effectively.
 - Ensure dust masks are worn at all times.
- Inspect hanging walls and sidewalls, secure them properly, and install temporary support in accordance with mine standards before proceeding with work.
- Keep footwalls clear of loose material and equipment to minimize the risk of slip-and-fall incidents.
- Install Yielding Props in strict adherence to manufacturer specifications and mine standards.
- Perform random inspections to verify that props are installed securely and correctly.
- Ensure Yielding Props are positioned on a solid footwall, aligned at a 90° angle to the strata, and prestressed appropriately.
- When cutting disc props, follow both mine and manufacturer standards, ensuring all safety recommendations are observed.

SIZE

Available in turned elongates with diameters of 180mm and 200mm.

FEATURES

- This high-performance yielding elongate is available with an optional pre-fitted pre-stress unit.
- It can be conveniently pre-stressed underground using standard pumping equipment.
- Delivers consistent performance, contributing to improved hanging wall stability.
- Engineered specifically to withstand and adapt to challenging underground conditions.

PACKAGING

Packaged on a pallet containing 25 units, with shrink wrap applied for protection against adverse weather conditions.

STORAGE

Do not stack bundles higher than 2 meters on the surface and 1.5 meters underground. Secure all stored props to prevent falling or rolling, which may cause injury.

TECHNICAL DATA SHEET



QUALITY ASSURANCE

Rainbow Mining Support (Pty) Ltd production and testing programs comply with all local (ISO 9001:2015) and international testing standards.

CUSTOMER SERVICE

For additional support options available at your area, contact our local offices.
www.rainbowms.co.za
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