

SQUARE PROP

HIGH PERFORMANCE 400mm YIELDING ELONGATE

DESCRIPTION

The Square Prop is a high-performance support solution crafted from Saligna elongates. It features 8° precision-cut wedges to ensure effective yielding capabilities and is reinforced with four securely attached wires for added stability and durability.



INSTALLATION OF YIELDING PROP

- Inspect all equipment thoroughly before use and complete the required checklists.
- Prior to starting work, implement the following safety measures:
 - Test for the presence of flammable gases.
 - Measure the environmental temperature.
 - Suppress dust levels effectively.
 - Wear appropriate dust masks at all times.
- Inspect and secure hanging walls and sidewalls, ensuring temporary support is installed in compliance with mine standards before commencing work.
- Maintain clear footwalls by removing loose material and equipment to prevent slip-and-fall hazards.
- Install Square Props in accordance with manufacturer specifications and mine standards.
- Perform random inspections to confirm that props are securely and correctly installed.
- Ensure Square Props are placed on a solid footwall, aligned at a 90° angle to the strata, and prestressed adequately.
- When cutting disc props, adhere strictly to mine and manufacturer standards, following all safety guidelines.

SIZE

Available in a 180mm and 200mm diameter turned elongate.

FEATURES

- This high-performance yielding elongate is available with an integrated pre-stress unit for enhanced functionality.
- It can be efficiently pre-stressed underground using conventional pumping systems.
- Provides uniform and reliable performance, resulting in improved hanging wall stability.
- Specifically designed to endure and perform under demanding 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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