

# /strata geotech

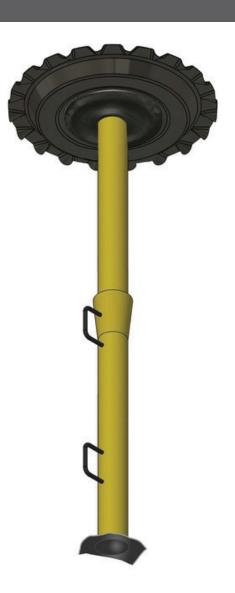
# Rocprop®

## **Mechanical Roof Prop**

The Rocprop® is a compact mechanical prop that has been specifically designed for underground mining applications and offers active pre-loading. It provides constant load characteristics over a large closure range and at high convergence rates.

- · Active support is achieved using hydraulic preloading
- On installation, the Rocprop® can be preloaded up to 10 tonnes.
- The mechanical yield mechanism provides load over a large convergence range of up to 30% of installed height
- · Its ease of installation allows quick and simple placement
- Its size and weight allow large quantities of the Rocprop to be transported into the mine on a single trip.
- Ideal for use on longwall take-offs, maingate and tailgate support
- Use anywhere there is access to hydraulic or emulsion pressure, water or compressed air
- Comes with a variety of head and footboards, that are designed to meet all roof and floor conditions
- Available for mining heights from 1.2m to 6m.





### **Mechanical Roof Prop**

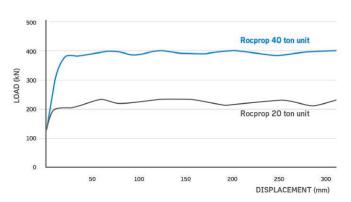
## **APPLICATIONS**

- Longwall moves (shield recovery)
- · Belt drive support
- Brow support
- · Systematic roadway support
- Tailgate, maingate and bleeder support
- · Barrier line support
- · Ventilation seal construction
- · Long-term support in abandoned areas

## **BENEFITS**

- Quick and easy to install
- · Installed vertical, horizontal and at an angle
- · Creates pre-loading up to 10 tonnes
- · Dynamic yield capacity
- · Heights up to 6 metres
- · Support applied exactly where needed
- · Variety of accessories available

#### **ROCPROP™** Performance





| PRODUCT<br>Code | YIELD<br>LOAD<br>Tonnes | TRANSPORT<br>LENGTH<br>Meters | MINING HEIGHT Min. Meters   Max Meters |     | WEIGHT<br>KG |
|-----------------|-------------------------|-------------------------------|--|-----|--------------|
| RP1840          | 44                      | 1.3                           | 1.4                                    | 1.8 | 42           |
| RP2340          | 44                      | 1.5                           | 1.7                                    | 2.3 | 51           |
| RP2540          | 44                      | 1.7                           | 1.8                                    | 2.5 | 55           |
| RP3240          | 44                      | 2.0                           | 2.1                                    | 3.2 | 67           |
| RP3540          | 44                      | 2.2                           | 2.3                                    | 3.5 | 73           |
| RP4020          | 22                      | 2.9                           | 2.85                                   | 4.0 | 84           |
| RP4520          | 22                      | 2.9                           | 3.1                                    | 4.5 | 96           |
| RP6020          | 22                      | 3.7                           | 4.3                                    | 6.0 | 122          |

## **ACCESSORIES**



Cone Setting Tool



Hub Cab Head Board



Standard Foot Plate



Intensifier Pump



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