

The CAN®

The Best Secondary Roof Support in the World from Burrell Mining International, creator of The Can®

The CAN® is a one piece support system that eliminates piecemeal construction. The installation saves up to 80% on labor, drastically reducing costs.

The CAN® is a secondary roof support made from a “yieldable confined core” of cementacious composite, encased in a cylindrical steel canister, which resembles a can. The CAN® handles mine floor heaving and roof sag better than any other type of support available today. The CAN® is flexible in design—it can be engineered to meet mine-specific load conditions regardless of adverse conditions are induced by the roof or floor. The simple 1 piece design of The CAN® installs quickly using a mine scoop or similar piece of equipment. The smooth steel skin of The The CAN® improves ventilation and promotes air flow by reducing resistance in the mine entry. When installed correctly, The CAN® has never failed.

PRODUCT SPECIFICATIONS

- Manufactured mainly from post combustion products which then do not promote combustion
- Is able to accept 50% convergence without failure
- Not brittle; it reacts and performs similarly when tested vertically and bi-axially
- Promotes oxygen content in the mine environment (Drying / rotting wood depletes oxygen)

As shown below, The CAN® has a unique, visible deformation caused by increasing roof loads. As the core yields under loading, it creates a corresponding crimping of The CAN®. This provides a visible “gauge” of the amount of compression or deformation that has taken place. Tests conducted at the NIOSH Mine Roof Simulator show that The CAN® has never failed to maintain its load carrying capability through 44” of deformation.



6ft. CAN 36” diameter



Deflected 6ft. CAN
36” diameter

THE SYSTEM

The CAN® cribbing system was engineered to combine the superior load carrying characteristics of concrete with the slow deformability of wood. The result is a more-than-sensible one-piece replacement for all current cribbing systems.

PERFORMANCE

In addition to the unique give of the uniformly consistent core, The CAN® minimizes the possibility of sudden failure by physically restraining the outward thrust caused by load forces. The superior load carrying capability of The CAN® makes it comparable to concrete, but without concrete’s sudden unannounced failures.

The CAN® has been thoroughly tested by NIOSH and has proven its capabilities in a multitude of underground applications.



PRODUCT SIZES

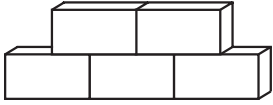
9-inch, 18-inch, 22-inch, 24-inch, 30-inch, 36-inch diameters
up to 15-feet in verticle height

OTHER PRODUCTS AVAILABLE

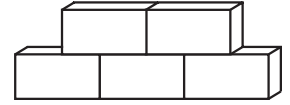
OMEGA BLOCK

Lightweight • Incombustible • Impermeable

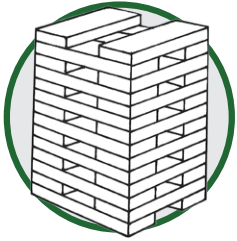
*The only kind of block you'll ever need
for stopping construction*



-custom cuts made with a handsaw

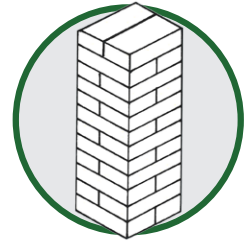


FIBERCRIB®



Steel-Fiber Reinforced Concrete Cribbing

*The original FIBERCRIB®
is still the best fiber crib block!*



QUIKRETE PRODUCTS

*BBond • BlockBond • Bagged Concrete Mixes
Shotcrete(MS) • 3000lb Bulk Concrete Mixes*

A full line of concrete mixes & mine sealants

BURRELL MINING INTERNATIONAL

5 MANUFACTURING LOCATIONS TO SERVE YOU



AUSTRALIA



ILLINOIS



PENNSYLVANIA



UTAH



WEST VIRGINIA



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