

Strata Safety Chamber (SSC)

Emergency Refuge for Coal Mines

The Strata Safety Chamber is a rugged, steel-constructed walk-in refuge shelter, equipped with breathable air to provide an immediate safe haven in an underground emergency.

- Completely powerless and self-contained
- Provides up to 96 hours of breathable air from compressed air and oxygen cylinders
- Air-powered carbon dioxide scrubber utilizes soda lime chemicals to remove carbon dioxide
- A standard Airlock entry compartment with purge air system
- Numerous handling accessories are built into the design to assist with moving the chamber
- Wheel and hitch packages and additional hardening options are available



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SPECIFICATIONS

ROBUST CONSTRUCTION - Engineered and constructed to withstand 15 psi overpressure.

STANDARD & CUSTOM SIZES - Strata Safety Chambers are available in standard & custom sizes to meet individual customer needs. This includes custom length and heights of the structure.

AIR-TIGHT DESIGN - Air-tight chamber design provides immediate supply of breathable air upon entry.

FOOD AND WATER - Includes food & drinking water in storage compartments.

MSHA APPROVED GAS DETECTOR - MSHA approved gas detector monitors for O₂/CO/CH₄/CO₂ levels inside the chamber. A sampling pump can be used to test air outside the chamber.

MSHA APPROVED FLASHLIGHTS - MSHA Approved Flashlights for internal use.

ENVIRONMENTAL TOILET - Toilet & waste bags in a private compartment with external waste disposal.

CUSHIONED SEATING & STORAGE AREAS - Cushioned seating for all occupants & storage areas for additional supplies/equipment.

STANDARD SIZING - 24 Man, 20 Man, 16 Man, 10 Man.

HEIGHT - 1.8 and 1.6 m

WIDTH - 2.4 m

LENGTH - Varies
(please contact your sales representative)

