

Versatile and strong yet lightweight material that can be moved into remote locations.

Easy, standard, and accepted construction techniques are used to erect the DSI EZ Overcast. Ribs are generally fabricated so they are mounted in predrilled C Channel skids and then tied together with tie rods.

This RAPID ASSEMBLY method is universal to the rib erection process and used industry wide. Decking is pre-punched and applied to the ribs over studs welded directly to the rib structure during fabrication. All components are in one simple package ensuring ease of transportation "Load - n - Go" The DSI EZ Overcast is an economical ventilation system for both small and large mines and easily recoverable.

DSI EZ Overcasts are designed with high pressure installation in mind, easily withstanding ventilating pressures that exceed engineering requirements for Water Gauge.

Radius Overcast

Rib Spacing	Pressure, Inches w.g.
5' Centers	17"
6' Centers	12"

Square Overcast

Rib Spacing	Pressure, Inches w.g.
5' Centers	9"
6' Centers	7"

Closer rib spacing will require more beams and total overcast length for the 5' centers to 25'.



Contact us today!

DSI Tunneling LLC
1774 Mellwood Ave.
Louisville, KY. 40206
1-502-473-1010

Visit us at
www.dsiunderground.com



Scan for more information on DSI EZ Overcast



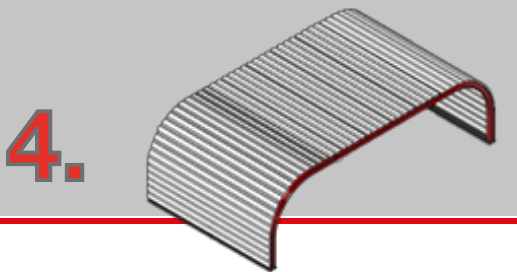
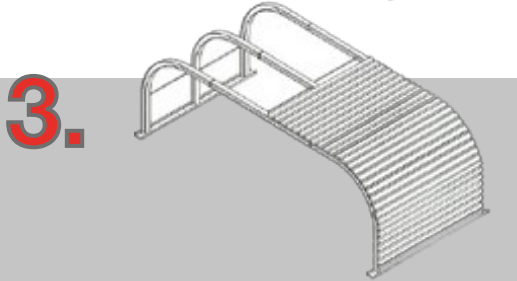
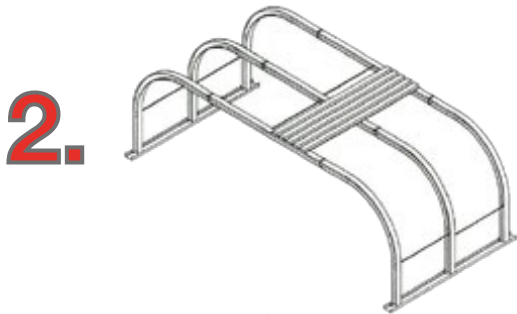
Engineered for RAPID ASSEMBLY

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Assembly as EZ as 1-2-3....4!



The DSI EZ Overcast provides a time tested, versatile, ventilation component for integration into any of your mining ventilation appliance needs. These overcast deck and wall structures are constructed of rolled wide flange beams in combinations of both width and height dimensions that will suit nearly any mining condition.

The DSI EZ Overcast is highly customizable for loads and dimensions as well. They are light, easily transported and manufactured with the mine specific end uses in mind. These structures are easily erected with simple hand tools in remote locations for temporary air course routing, fall repair, or walkway protection as needed. The standard W4 x 13# beam section can easily be upgraded to a much heavier beam section to provide additional support to fall areas or even protection in rib outburst conditions.

DSI manufactures the Overcast System to mine-specific requirements. Combinations with varying widths and heights are all calculated for the most efficient use of the Galvanized 20 gauge deck material. These combinations commonly range from 3 ft. to over 10 ft. in height with 15 ft. possible. Please refer to the table as examples only. Many other sizes are available, but with the standard sizing there is a quicker turnaround time.

DSI EZ Overcasts are 100% recoverable and reusable. Simple wrenches will reduce the structure to pieces which workman can easily handle in just a few hours; making the entire structure ready for re-construction in the next panel, the next purpose, or simply for storage.

Inside Dimensions	Outside Dimensions	Stock#	Weight (lbs.)
Radius Overcast (as shown)			
6'-5" X 18'-0" X 24LF	6'-9" X 18'-11" X 24LF	OC Large	4,052
5'-5" X 18'-0" X 24LF	5'-9" X 18'-11" X 24LF	OC Medium	3,800
4'-5" X 18'-0" X 24LF	4'-9" X 18'-11" X 24LF	OC Small	3,548
Square Overcast *			
5'-10" X 18'-0" X 24LF	6'-4" X 19'-0" X 24LF	SOC Large	4,483
4'-10" X 18'-0" X 24LF	5'-4" X 19'-0" X 24LF	SOC Medium	4,177
3'-10" X 18'-0" X 24LF	4'-4" X 19'-0" X 24LF	SOC Small	4,048

The DSI EZ Overcast is available in both "radius" and "square" models to meet the mines preferences and airflow needs.

Square overcasts are fabricated with standard cap-and-post, fully gusseted joints.