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Our mettle is made of **MAGNUS STEEL**

MAGNUS STEEL HEX METAL

DESCRIPTION

Magnus Steel's Hex Metal range is defined as a unique hexagonal cellular mesh steel, made of flat bar which is designed to provide brilliant retention and reinforcement of thin wall refractories and fully complements dense hydraulic and chemically bonded refractories in resisting erosion. It acts as a surface framework to hold cement or refractory in position, and relieves stress in the lining's upper crust, retarding erosion, corrosion, blistering and cracking.

Hot gaseous substances cannot erode the refractory because they are reflected away from the surface by the metal honeycomb-shaped grid.

The flexibility of Magnus Steel's Hex Metal allows it to be rolled, and easily conforms to circular shapes. It is recommended for use when placement is spaced from the steel shell to allow room for thick insulation between the metal shell and the armoured surface.

USES FOR MAGNUS HEX METAL

Refractory Linings in Furnaces | Ducts and Flue Gas Lines | Cyclones | Reactors | Reactor Vessels | Windboxes | Fan Casings
Regenerators | Tanks | Ashpits | Heaters

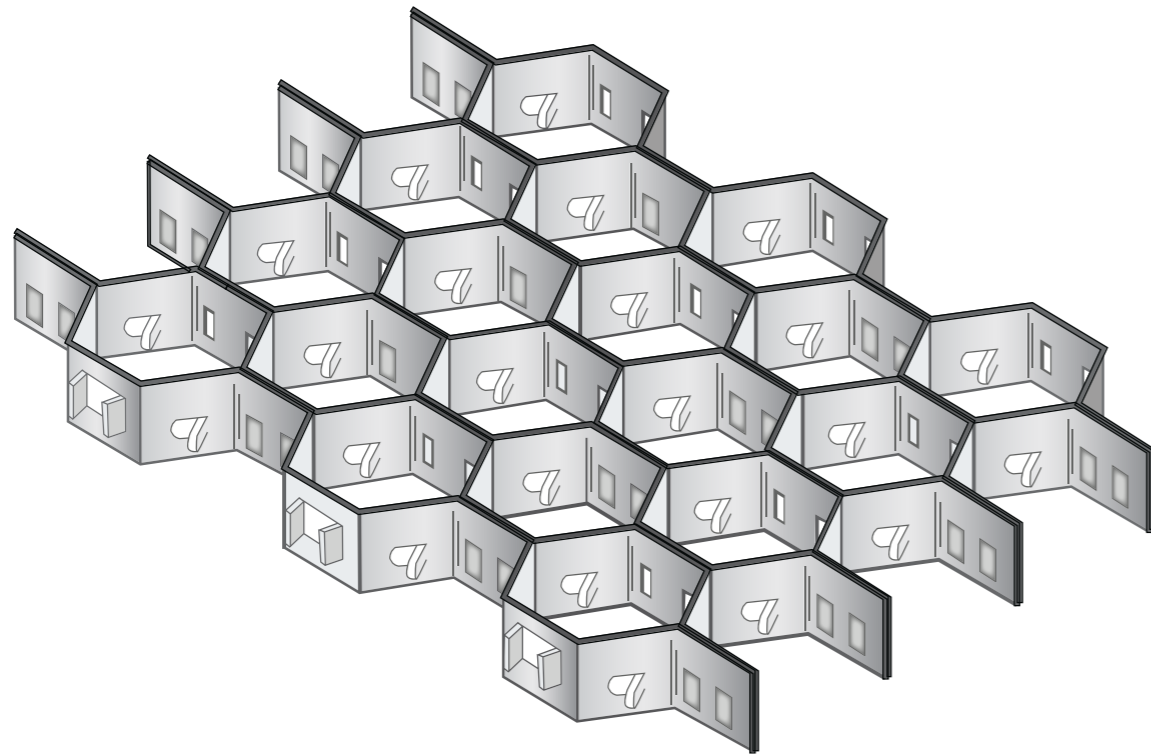
INDUSTRIES

Air Distributors | All Plants where the Practicality of Free Rolling Material is Beneficial to Maintenance Activities | Power Plants
Cement Plants | Steel Plants | Petroleum Sector | Chemical Industry

SPECIFICATIONS

Magnus Steel (PTY) Ltd can supply Hex Metal in **Mild Steel** and **Stainless Steel** and is able to offer the following dimensions in a **940mm x 3000mm panel**:

MAGNUS STEEL HEX METAL



OPENING IN mm	DEPTH IN mm	ALTERNATE DEPTH IN mm	FLAT BAR THICKNESS IN mm	PANEL WEIGHT IN kgs
50	20	20	2.0	43
50	25	20	2.0	48

Other dimensions and sizes of Hex Metal are available on request.

