



# IRAN REFRACTORIES COMPANY

## TECHNICAL DATA SHEET



### MAGNOBOND

<b>Max Temperature Service:</b>	1650 °C
<b>Classification:</b>	Extremely refractory air setting mortar with magnesia content
<b>Main Raw Material Component:</b>	High grade Dead Burned Magnesia
<b>Type Of Bond:</b>	Chemical Bonded
<b>Grain Size:</b>	0 – 0.6 mm
<b>Water required For Pouring:</b>	30 – 35 %
<b>Features and Main Applications:</b>	Dry mortar having smooth working properties when mixed with water. Ideally suited for laying Irefmag 90 and Irefmag 95 Brick. May be used successfully with other types of basic brick in all applications where a chemically basic mortar is required.

#### Chemical Composition (Calcined base)

MgO %	Fe <sub>2</sub> O <sub>3</sub> %	CaO %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	(Na <sub>2</sub> O+ K <sub>2</sub> O+ Li <sub>2</sub> O) %
67.2	2.6	3.8	10.5	2.8	0.1	3.0

All data based on cast specimens. ASTM procedures, where applicable, used for determination of data.

For data of vibration cast or gunned, consult our sales & Engineering service's experts.

All data subject to reasonable deviations, and therefore, should not be used for specification purposes. ASTM Test Methods, where applicable, used for determination of data.

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