



# IRAN REFRACTORIES COMPANY

## TECHNICAL DATA SHEET



### KROMOBOND

<b>Classification:</b>	Chrome ore based mortar (Air set)
<b>Main Raw Material Component:</b>	Chrome ore and chemical binder
<b>Type Of Bond:</b>	Chemical Bonded
<b>Grain Size:</b>	0 – 0.6 mm
<b>Water required For Pouring:</b>	20 – 25 %
<b>Features and Main Applications:</b>	Has excellent resistance to corrosive slags and fumes of wide range in chemical compositions. Laying basic brick of all types as well as fireclay Brick, high alumina brick and silica brick. As a neutral layer between brick which tend to react with each other at high temperatures. So highly refractory, it may be used to form heavy bonded joints when necessary, it begins to set soon after being spread, forming firmly bonded joints from hot face to cold face .

#### **Chemical Composition** (Calcined base)

<b>Al<sub>2</sub>O<sub>3</sub> %</b>	<b>SiO<sub>2</sub> %</b>	<b>Cr<sub>2</sub>O<sub>3</sub> %</b>	<b>MgO %</b>	<b>CaO %</b>	<b>Fe<sub>2</sub>O<sub>3</sub> %</b>	<b>(Na<sub>2</sub>O+ K<sub>2</sub>O+ Li<sub>2</sub>O) %</b>
20.0	14.5	31.9	12.7	1.0	11.7	2.4

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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