

REALTECH SUPER HIGH STRENGTH HIGH ALUMINA CERAMIC TILES / LINERS





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Realtech Wear Resistant Products

HI-TECH now offers REALTECH High Alumina Ceramic Lined equipment for highly wear prone application such as Coal Fired Power Generation, Mining, Cement, Steel, Mineral Processing Industries.

REALTECH offers product designed to meet exacting requirement in cost effective manner. The choice of High Alumina Product ensures excellent wear and corrosion resistant properties. Our engineers are available for customer services for application development including Material Selection, Lining design, Fabrication and Installation. Alumina shape, size shall be designed to suit the final application of the equipment. The installation of the liner shall be done by high Alumina based wear resistant bonding material and/or welding.

The Hardness of REALTECH is next to Diamond which ensures extremely hard and wear resistant material. It can last longer than any other conventional material to take abuse of bulk material handling. In addition it retain its highly wear resistant properties at high temperature.

REALTECH is also inert to all most all chemicals and thus providing excellent corrosion resistant properties against chemicals.

REALTECH is cost effective in the long run in various application

MINIMISES - Down time, Maintenance, Product cost

MAXIMISES - Productivity, Performance and profit.

Properties :	REALTECH 90
Alumina content	90%
Colour	White/Black
Density gm/cc	3.60
Hardness R45N	79
Sur Face Finish	1.60 μ
Water Absorption	Nil
Compressive Strength : kg/cm ²	2500
Tensile Strength : kg/cm ²	220
Corrosion Resistant : mg/cm ² /day with 95% H2504 @ 20 C	0.03
Max. Temp.	1500 C

Industrial Application :

- Ball Mill Liner • Bins • Hoppers • Chutes • Elbow • Classifier • Cyclone • I. D. Fan
- Nechanical Seals • Orifices • Ventury Collar • Nozzies • Ash / Slury Line Component • Shaft • Sleeves • Pump Impeller and many more.



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