



Millennium
MULTI TRADE PVT. LTD.

- ▶ MANUFACTURERS
- ▶ EXPORTER
- ▶ IMPORTER
- ▶ TRADERS



AN ISO 9001 : 2008 CERTIFIED COMPANY

"JANAK", Mahavir Society, Behind Jethwa Rajput Hostel,
PORBANDAR-360 575. Gujarat, India. M : +91 9825243130
E : millenniumpbr@yahoo.com W : www.millenniumpbr.co.in

- MINERALS • MACHINE • MONOLITHICS
- CERAMICS • PAINT & FIRE SUIT

MILTUFF WEAR RESISTANT PRODUCTS

MILLENNIUM MULTI TRADE PVT. LTD. now offers High Alumina Ceramic Lined equipment for highly wear prone application such as Coal Fired Power Generation, Mining, Cement, Steel, Mineral Processing Industries.

MILTUFF 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 **MILTUFF** 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.

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

MILTUFF is cost effective in the long run in various application

MINIMISES - Down time, Maintenance, Product cost

MAXIMISES - Productivity, Performance and profit.

PROPERTIES	MILTUFF 99	MILTUFF 90
Alumina content	99.5%	90%
Colour	Ivory	White
Density gm/cc	3.89	3.60
Hardness R45N	83	79
Surface Finish	0.9u	1.60u
Water Absorption	Nil	Nil
Compressive Strength : kg/cm ²	2600	2500
Tensile Strength : kg/cm ²	250	220
Corrosion Resistant : mg/cm ² /day with 95% H2SO4 @ 20 C	0.01	0.03
Max. Temp.		1500° C 1750° C

Industrial Application :

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





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MILBOND TILES ADHESIVE COMPOUND

Introduction :

Ceramic is High value item and it is very brittle under impact To bond ceramic with the steel plate normally one use mortar which has very poor bonding strength with the steel plate and concrete. MILBOND Ceramic Bonding Material is Two Part System which gets polymerized and bond nearly any metal, concrete with the ceramic, glass, wood etc with very high strength.

Features & Benefits :

- Ceramic filled and hence have nearly the same property of parent material.
- Superior adhesion to almost all clean surfaces.
- Protection against corrosion, abrasion etc.
- Gets cured in short time and increases the work output.

Physical Properties :

Alumina Content. : 80% minimum.
Compressive strength : 1500 kg/cm²
Flexural strength : 350 kg/cm²
Tensile shear strength : 170 kg/cm²
Hardness Shore D. : 95D.
Max. Operating Temp C. : 180 to 200 deg. C
Working time 30 deg. C. : 30 to 40 minutes.
Kit Size. : 10 & 30 kgs.
Coverage. : 4 kg/M² WITH 3MM THK

Ahmedabad-INDIA Branch-Bhavin Modha-+91 9925153130e mail- Millenniumpbr@yahoo.com