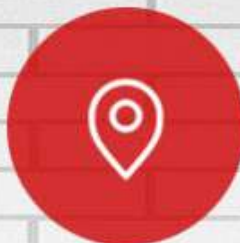




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ABOUT **J.B.T.C**

WE ARE LEADING MANUFACTURER'S CUM DEALERS OF ALL KIND OF REFRACTORY FROM THROUGH THE WORLD BASED IN JAIPUR, RAJASTHAN(INDIA). WE HAVE A FAMILY HISTORY OF REFRACTORIES FOR OVER 60 YEARS. WE UNDERSTAND AND VALUE OUR CLIENT'S REQUIREMENT'S AS OUR TOP PRIORITY OTHER THAN PROVIDING NEW REFRACTORY PRODUCTS. WE ALSO PROVIDE SCRAPPED/ USED REFRACTORY PRODUCTS AS A FORM OF RAW MATERIALS FOR PRODUCTION OF NEW REFRACTORIES.

JBTC IS ENGAGED IN ACQUIRING TOP-NOTH REFRACTORY FROM WORLD LEADERS SUCH AS **RHI, REFRASTECHNIK, SORMAS, KUMAS** ETC AS WELL AS PRODUCING ITS OWN LINE OF INDIAN REFRACTORY GENERALLY ALUMINA BASED WITH ITS OWN STANDARD RANGE OF LADDLE SLEEVES, INSULATING BRICKS, ALUMINA BRICKS, FIRE BRICKS, CASTABLES ETC.

OUR COMPANY HAS ALWAYS BEEN HIGHLY FOCUSED FOR PROVIDING THE BEST AVAILABLE QUALITY OF THE PRODUCTS IT SELLS.

WE ALSO BELIEVE THE SCRAP BASED REFRACTORY AS AN ALTERNATIVE TO NEW VIRGIN RAW MATERIAL.

WE HAVE HIGHLY QUALIFIED LABS AND PERSONNEL TO SORT AND THEN PURIFY THE SCRAP BASED REFRACTORY AND CREATE IT AS AN RAW MATERIAL, WE USE ONLY EUROPEAN STANDARD MATERIALS TO BE ASSURED OF THE QUALITY GETTING THE SCRAPPED MATERIALS FROM GLASS FACTORIES & STEEL FURNACES AND CEMENT PLANTS AND THEN PURIFY THEM IN OUR LABORATORY.

INNOVATIVE REFRACTORY **HIGH GRADE MATERIAL**

TO MEET THE GLOBALLY INCREASING DEMAND FOR CEMENT, ENERGY SAVING FIRING SYSTEMS WITH HIGH SPECIFIC OUTPUT HAVE BEEN DEVELOPED IN THE INDUSTRIALIZED COUNTRIES AND INTRODUCED THROUGHOUT THE WORLD. ONE OF THE PRIMARY RESULTS OF THESE DEVELOPMENTS IS THE PRECALCINER KILN WITH A SHORT ROTARY KILN SECTION.

THE USE OF ALTERNATIVE FUELS HAS ALSO TAKEN ON A NEW SIGNIFICANCE IN KEEPING PACE WITH THIS TECHNOLOGY REQUIRES SUITABLE REFRACTORY PRODUCTS AND LINING SYSTEMS: THE CONDITIONS INSIDE THE KILN ARE A DETERMINING FACTOR OF ITS SERVICE LIFE.



Refractory manufacturers are today facing a series of new challenges, which require them to focus on constant optimization of their activities. In order to reply to these new demands, JBTC has built up a complete range of secondary raw materials which are adapted to all applications.

Our production unit is designed to provide a stable and continuous supply of high quality materials.

(FUSED-MAGNESIA BASED MATERIALS)

Magnesia-based secondary raw material obtained from calcination of mag-carbon.

JBTC-FM94
MgO 94%
Fe2O3 01%

JBTC-FM90
MgO 90%
Fe2O3 01%

JBTC-FM47
MgO 47%
Fe2O3 1.5%



(MAG-CARBON BASED MATERIALS)

Magnesia-based secondary raw material obtained from used sintered refractory linings from steel plant.

JBTC-MC94

MgO 94%

Fe₂O₃ 01%

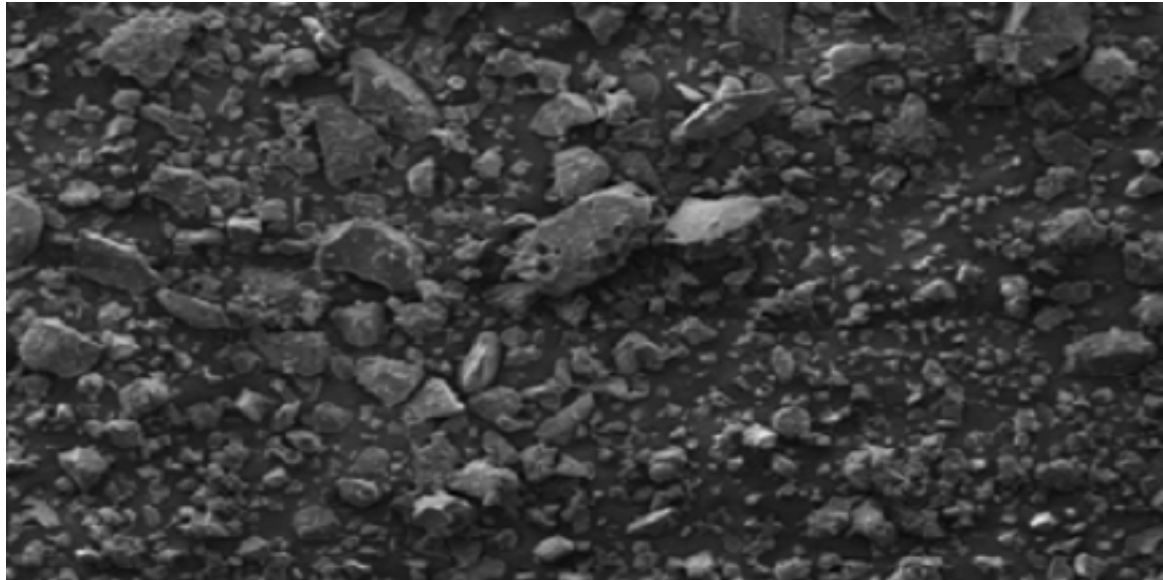
C 04%

JBTC-MC90

MgO 90%

Fe₂O₃ 01%

C 08%



(MAGNESIA BASED MATERIALS)

Magnesia-based secondary raw material obtained from used sintered refractory linings from lime and cement furnaces or glass furnace recuperators.

JBTC-MAG91

MgO 91.8%
Al₂O₃ 03.4%
Fe₂O₃ 03.8%

JBTC-MAG88(Low-IRON)

MgO 87.8-90%
Al₂O₃ 07-10.8%
Fe₂O₃ 0.5%

JBTC-MAG85 (Low-IRON)

MgO 85%
Al₂O₃ 10%
Fe₂O₃ 0.8%

JBTC-MAG85

MgO 85%
Al₂O₃ 04%
Fe₂O₃ 4.7%

JBTC-MAG80

MgO 80%
Al₂O₃ 07%
Fe₂O₃ 1.1%



(MAG CHROME BASED MATERIALS)

Magnesia-based secondary raw material obtained from used sintered refractory linings from steel plants and cement furnaces.

JBTC-MAGCR47

MgO 47%
Cr2O3 11%
SiO2 6.5%

JBTC-MAGCR60

MgO 60%
Cr2O3 30%
SiO2 03%

JBTC-MAGCR75

MgO 75%
Cr 07%
SiO2 0.8%

JBTC-MAGCR81

MgO 81%
Cr 5.8%
SiO2 0.8%



(DIRECT BONDED MAGNESIA CHROME BASED MATERIALS)

Magnesia-based secondary raw material obtained from zinc and cooper plants.

JBTC-DBMC47

MgO 47%

Cr 20%

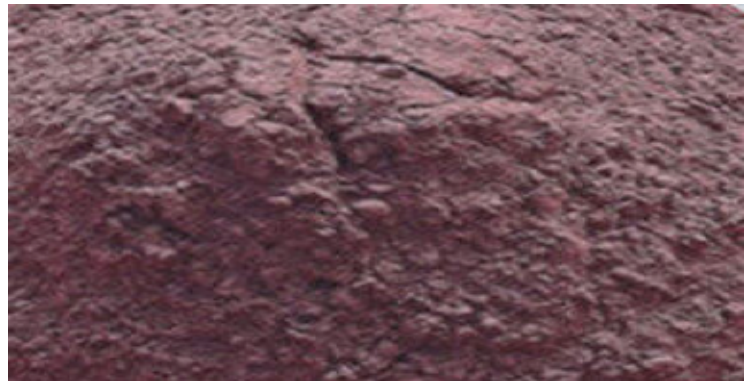
Sio2 2.6%

JBTC-DBMC55

MgO 55%

Cr 20%

Sio2 2.6%



(TABULAR ALUMINA BASED MATERIALS)

Alumina-based secondary raw material obtained from used sintered refractory linings from steel plants or thermal plants.

JBTC-TA94
Al₂O₃ 94%
MgO 04%
Fe₂O₃ 01%



JBTC-TA90
Al₂O₃ 90%
Fe₂O₃ 1.8%

JBTC-TA70
Al₂O₃ 70%
Fe₂O₃ 2.5%



(BAUXITE ALUMINA BASED MATERIALS)

High-Alumina secondary raw material obtained from steel plants, fused-cast refractory linings from glass furnaces and cement kilns.

JBTC-HA80
Al₂O₃ 80%
Fe₂O₃ 02%

JBTC-HA70
Al₂O₃ 70%
Fe₂O₃ 03%

JBTC-HA62D
Al₂O₃ 62%
Fe₂O₃ 1.8%

JBTC-HA60
Al₂O₃ 60%
Fe₂O₃ 03%

JBTC-HA42D
Al₂O₃ 42%
Fe₂O₃ 02%

JBTC-HA40
Al₂O₃ 40%
Fe₂O₃ 03%



(SILLIMANITE & ANDALUSITE BASED MATERIALS)

High-Alumina secondary raw material obtained from glass furnaces.

JBTC-SIL55
AL₂O₃ 55%
Fe₂O₃ 1.7%

JBTC-AD60
Al₂O₃ 60%
Fe₂O₃ 1.5%



(ZIRCONIA BASED MATERIALS)

Zircon-based secondary raw material obtained from used refractory linings from glass furnaces.

JBTC-ZIR60
ZrO₂ 60%
SiO₂ 32%



(MULITE BASED MATERIALS)

Secondary raw material obtained from used fused-cast AZS refractory linings of glass furnaces.

JBTC-MUL72
Al₂O₃ 72%
Fe₂O₃ 01%

JBTC-ZIRMUL
Al₂O₃ 68%
ZrO₂ 18%
Fe₂O₃ 01%



(ALUMINA SILICON CARBIDE BASED MATERIALS)

Alumina secondary raw material with silicon carbide coating obtained from torpedo cars in steel plant and also from cement plant preheaters.

JBTC-ASCC(CARBON CONTAINING)

Al₂O₃ 60%

SiC 08%

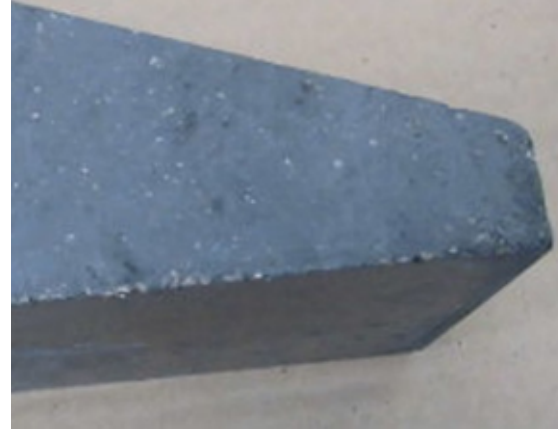
C 13%

JBTC-ASC

Al₂O₃ 60%

SiC 07%

Fe₂O₃ 1.5%



(ALUMINA MAGNESIA CARBON BASED MATERIALS)

Alumina secondary raw material containing magnesia obtained from steel plants.

JBTC-AMC

Al₂O₃ 60%

Mgo 12%

C 10%



(SILICON CARBIDE BASED MATERIALS)

Silicon Carbide based Secondary raw material obtained from special application plants.

JBTC-SIC60

SiC 60%

JBTC-SIC70

SiC 70%

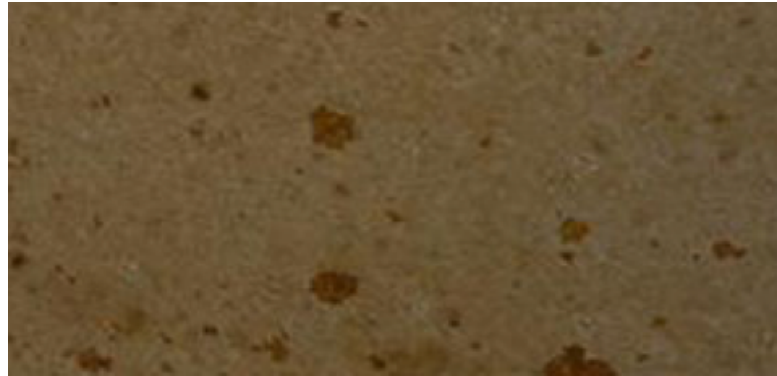


(SILICA BASED MATERIALS)

Secondary raw material obtained from steel plants.

JBTC-SIO2

SiO₂ 70%
Fe₂O₃ 03%



(FUSED CAST AZS BASED MATERIALS)

Secondary raw material obtained from used fused-cast AZS refractory linings of glass furnaces.

JBTC-AZS

Al₂O₃ 46%
ZrO₂ 35%
SiO₂ 14%



SIZES:

LUMPS GREATER THAN 2.5 INCHES

OR

STANDARD GRAIN SIZES 0 - 1 mm 1 - 3 mm 3 - 6 mm

Delivery options:

LUMPS LOOSE PACKING

Bulk Big Bags Bags on pallets Special Packaging

Bulk 0 - 20 mm Other grain sizes available on request

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