

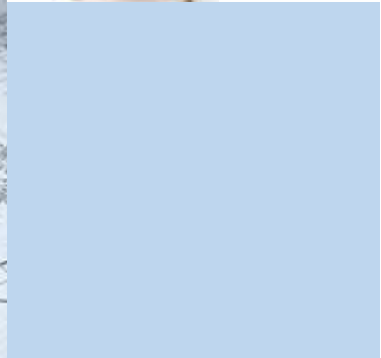
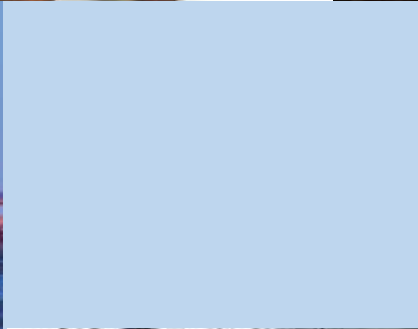
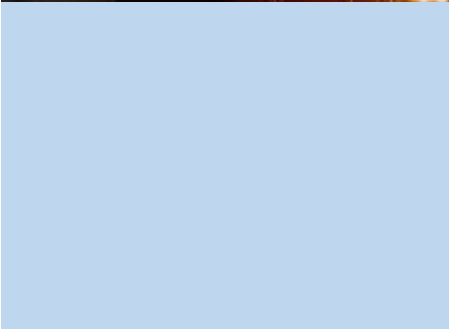
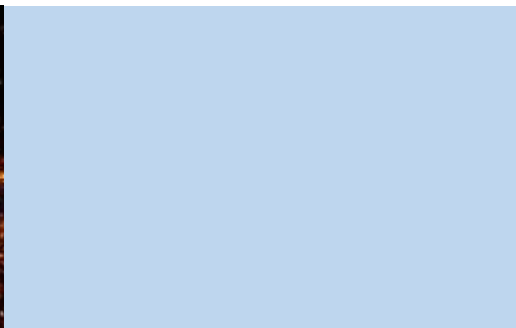
Merchant Exporters



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World Trade Pvt. Ltd.

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We, at Imperial World Trade Pvt Ltd., value our clients and endeavor to not only foresee their demands but also provide world class services along with products.

We are one of the leading merchant exporters marching ahead with premium quality products of international standard.

why us

- Enthusiasm Dedication and in depth knowledge of Business to meet any challenging requirements with complete understanding of the requirements and faster evaluation.
- We follow best business ethics and work with complete honesty with our customers, suppliers and service providers.
- Based among the fastest growing industrial hubs enabling us to source and develop world class products.
- Complete understanding of different mode of logistics, helping us to provide faster order processing and timely deliveries.
- Ensure quality with strict quality control at various stages of order processing.
- Backed up by strong financial position, we are able to get best deals with competitive rates from our suppliers and as well as from our customers.





PRODUCT RANGE AND SPECIFICATIONS



• FIRE CLAY BRICKS AND HIGH ALUMINA BRICKS: -

BRAND NAME	Al ₂ O ₃ % (min)	Fe ₂ O ₃ % (max)	A.P. % (max)	B.D. Gms/cc (min)	C.C.S. kgs/cm ² (min)	P.C.E. orton (min)	R.U.L. Ta°c (min)	P.L.C. % (max)
ICI - 30	28 - 30	2.0	25	1.9	250	30	1300	±1.5 at 1300°C/2 hrs
ICI - HHD	35 - 37	2.1	25	2.0	300	30	1350	±1.5 at 1350°C/2 hrs
ICI - 40	40	2.5	23	2.1	350	31	1400	±1.5 at 1400°C/2 hrs
ICI - 42D	42	1.8	20	2.2	400	32	1450	±0.5 at 1450°C/2 hrs
ICI - 45D	45	1.5	18 - 20	2.25	450	32 +	1450	±0.5 at 1450°C/2 hrs
ICI - 50	50	2.75	22	2.3	400	33	1420	±1.0 at 1450°C/2 hrs
ICI - 60	60	3.0	22	2.55	450	34	1450	+1.5 at 1450°C/2 hrs
ICI - 60 LF	60	2.0	20	2.45	450	34	1450	+1.5 at 1450°C/2 hrs
ICI - 70	70	3.2	22	2.65	550	36	1470	+1.5 at 1500°C/2 hrs
ICI - 70 LF	70	2.5	22	2.7	550	36	1470	+1.5 at 1500°C/2 hrs
ICI - 80	80	3.5	21	2.75	600	37	1500	+2.5 at 1550°C/2 hrs

Note: -

1. Size Tolerance: ±1.5% or 2mm whichever is greater
2. The above data is on basis of average results.



• **MORTARS: -**

BRAND NAME	Al ₂ O ₃ % (min)	Fe ₂ O ₃ % (max)	Grading (mm)	Service Temperature (°C)	Setting
ICI - 30 M	30	2.0	0-1	1300	Ceramic
ICI - 40 M	40	2.2	0-1	1350	Ceramic
ICI - 50 M	50	2.5	0-1	1400	Ceramic
ICI - 60 M	60	3.0	0-1	1450	Ceramic
ICI - 70 M	70	3.5	0-1	1500	Ceramic

• **CASTABLES: -**

BRAND NAME	Al ₂ O ₃ % (min)	Fe ₂ O ₃ % (max)	C.C.S (kgs/cm ²) at 110 °C	C.C.S (kgs/cm ²) after firing	Maximum Service Temp. (°C)
ICI-Cast-40	40	2.0	250	350	1350
ICI-Cast-60	60	3.0	350	450	1450
ICI-Cast-70	70	3.5	400	500	1500

Note: -

1. The above data is on basis of average results.
2. Our general grading is 0-5 mm. However the same may be changed as per requirement of customers.



SPECIFICATIONS OF RAW MATERIALS

Sr No	Material Description	Parameters										
		Al2O3 (% min)	Fe2O3 (% max)	Total Cont raction (%)	PCE	Plastici ty (%)	W/ A (%)	LOI (%)	BD Gm/ cc	A.P. (%)	TiO2 (%)	SiO2 (%)
A	FIRE CLAY											
1	Than	24.0	1.0	7.0	28.0	25.0	-	12.0	-	-	1.8	55
2	Vinaygadh	24.0	1.2	11.0	28.0	24.0	-	10.0	-	-		
3	Rajgadh	25.0	1.2	10.0	27.0	27.0	-	12.0	-	-	1.2	59
4	Santalpur	26.0	1.3	16.0	28.0	28.0	-	8.0	-	-	1.6	60
5	Bikaner	31.0	1.2	18.0	29.0	30.0	-	10.0	-	-	2.3	51
6	Chitrakheda	24.0	1.3	9.0	28.0	23.0	-	11.0	-	-	1.5	53
7	Makansar	27.0	0.8	6.0	28.0	18.0	-	10.0	-	-	1.6	58
8	Wash China	28.0	0.7	9.0	29.0	30.0	-	11.0	-	-	0.8	48
9	NP 1	31.0	0.2	7.0	30.0	19.0	-	13.0	-	-	5.1	45
B	GROG											
1	IS - 6	28.0	2.0	-	-	-	-	-	-	-	2.4	-
2	IS - 8	38.0	2.2	-	-	-	-	-	-	-	2.6	
3	Calc. NP1	34.0	1.2	-	-	-	-	-	-	-	6.6	-
4	High Alumina	6570	3 - 3.5	-	-	-	-	-	-	-	3.5	4
C	BAUXITE											
1	VSK	75	3.5	-	-	-	-	-	-	-	2.8	4.7
2	RK	85	3.8	-	-	-	-	-	-	-		
3	Diaspore	56 - 58	1.1	-								
4	Kyanite / Siliminite	46 - 48	1.4									

- The above data is on the basis of average results.



👉 **LIST OF MACHINERY** 👈

• **Section A (Crushing, Grinding, Mixing): -**

1. Jaw Crusher	-	2 Nos.
2. Disintegrator	-	2 Nos.
3. Magnetic Separator	-	4 Nos.
4. Double shaft Mixer (4 T/Hr)	-	1 Nos.
5. Muller Mixer Machine (1.5T /hr)	-	2 Nos.
6. Pan Mixer Machine	-	1 Nos.
7. Pulveriser	-	1 Nos.

• **Section B (Pressing): -**

1 Friction Screw Press – Hari make (150 MT)	-	1 Nos.
2 Friction Screw Press (150 MT)	-	2 Nos.
3 Friction Screw Press (110 MT)	-	4 Nos.
4 Friction Screw Press (80 MT)	-	2 Nos.
5 Hydraulic Automatic Press (140 MT)	-	1 Nos.

• **Section C (Firing): -**

1. Electric Dryer (10 trollies)	-	1 Nos
2. Electric Continuous Tunnel Kiln	-	1 Nos.

• **Section D (Laboratory): -**

1. Chemical Analysis (Alumina, Iron and allkalies)
2. CCS Test Machine.
3. Bulk Density Test 4. Apparent Porosity Test.

• **Section E (Workshop): -**

1. Lathe Machine	-	2 Nos.
2. Surface Grinder	-	1 Nos.
3. Drill Machine	-	1 Nos.
4. Shaping Machine	-	1 Nos.
5. Welding Machine	-	2 Nos.
6. Hand Grinding Machine	-	2 Nos.

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