

## PRODUCT LEAFLETS

INDUSTRY	TURNKEY ACTIVITIES	STANDARD PRODUCTS	SPECIAL PRODUCTS	REFSET 70 K
STEEL	<p><b>Tundish Management</b></p> <ul style="list-style-type: none"> <li>○ LCCs</li> <li>○ Tundish Boards</li> <li>○ Sprayables</li> <li>○ Precast Shapes</li> <li>○ FLOW CONTROL Devices</li> <li>○ Tundish VIBRO Mass</li> </ul>	<ul style="list-style-type: none"> <li>○ Alumina Castables</li> <li>○ Low Cement Castables</li> <li>○ Well Blocks</li> <li>○ Nozzles</li> <li>○ Trough</li> <li>○ Mass</li> <li>○ Synthetic Slag</li> <li>○ Ladle / Tundish Covering Compound</li> <li>○ Ladle Patching Monolithics</li> <li>○ Nozzle filling Mass</li> <li>○ Mortors / Castables for Seating Blocks</li> </ul>	<ul style="list-style-type: none"> <li>○ Lances - HMDS/LF</li> <li>○ Darts for Converter</li> <li>○ Gel Bonded Castables</li> <li>○ Gel Bonded Trough Mix</li> <li>○ Non-wetting Monolithic lining for Hot Metal Transfer Ladle</li> <li>○ Spinel based Castables/Cast shapes</li> <li>○ Ceramic Fibre Castables</li> <li>○ Cement Free Precast Shapes</li> </ul>	<ul style="list-style-type: none"> <li>○ Jindal Vijay Nagar Steel</li> <li>○ VISL</li> <li>○ Visakapatnam Steel Plant</li> <li>○ Bhilai Steel Plant</li> <li>○ Southern Iron &amp; Steel</li> <li>○ Lanco Steel</li> <li>○ Salem Steel Plant</li> <li>○ Neco Jayaswal</li> <li>○ Sesa Industries</li> <li>○ Llyod Steel</li> <li>○ Sumangala Steel</li> <li>○ KISCO</li> <li>○ Rail Wheel Factory</li> </ul>
CEMENT	<ul style="list-style-type: none"> <li>● Supplies within 48 Hrs</li> <li>● Free Installation Support</li> </ul>	<p>High Performance Castables - Import Substitutes For</p> <ul style="list-style-type: none"> <li>● Tip casting</li> <li>● Burner Pipe</li> <li>● TA Duct</li> <li>● Pre-heater, Cyclones, Raiser Ducts</li> <li>● Cooler Side wall</li> <li>● Cooler Roof</li> <li>● REFCAST LC 60 ABR (Eqvt. To D52A)</li> <li>● REFCAST A</li> <li>● REFCAST SUPER</li> <li>● REFCAST K Plus</li> </ul>	<ul style="list-style-type: none"> <li>● Rationalised product design</li> <li>● REFCAST LC60 ABR - Tipcasting and critical areas</li> <li>● ROTOCRETE 1300 - Cyclones / Ducts</li> <li>● Thermopatch Excel - patch up jobs</li> <li>● REFCAST LC SiC35 - Anti coating Castables for Smoke chamber</li> <li>● Gel Bonded For Burner Pipe</li> </ul>	<ul style="list-style-type: none"> <li>○ Zuari / Sri Vishnu</li> <li>○ Madras Cements - 4 plants</li> <li>○ India Cements - 3 plants</li> <li>○ Kesoram, Vasavadatta, Mangalam</li> <li>○ Orient, Priya-Unit I&amp;II</li> <li>○ Sri Chakra / South India</li> <li>○ Andhra Cements, Sagar, Coromandel, NCL Industries</li> <li>○ Shree Cements</li> <li>○ Toshali Cements</li> <li>○ Khyber Cements</li> <li>○ Suvarna Cements</li> </ul>

SPONGE IRON	<ul style="list-style-type: none"> <li>○ Supply and installation of Castables at Rotary Kiln, ABC, DSC, Duct</li> </ul>	<ul style="list-style-type: none"> <li>● REFCAST LC 80</li> <li>● REFCAST LC 60/45</li> <li>● Low Cement Castables</li> <li>● Gunning Castables</li> <li>● Insulation Boards</li> <li>● Low Density Castables</li> </ul>	<ul style="list-style-type: none"> <li>● Sharadaa Mullite Bonded Castables for Resistance to Thermal Shock / Accretion /CO Atmosphere</li> <li>● 3 Castables for Power Plant DSC / ABC Ducts</li> <li>● Dual Lining for 50TPD</li> <li>● Hi-strength Castables</li> </ul>	<ul style="list-style-type: none"> <li>● Venkateswara - 3 Kilns</li> <li>● Machinna Mastika</li> <li>● Harihar</li> <li>● DROLIA ELEC STEEL</li> <li>● 21st Century / PMS</li> <li>● Steel</li> <li>● Kanishk</li> <li>● GSAL</li> <li>● Rangaraj</li> <li>● Janki Corp</li> <li>● Amoda /Rangineni - 3 Kilns</li> </ul>
REFINERIES	<ul style="list-style-type: none"> <li>● Maintenance / Project Refractory Packages in Heaters /Reformers</li> </ul>	<ul style="list-style-type: none"> <li>● Castables</li> <li>● Ceramic Fibre / Perlite Boards</li> <li>● Insulating Bricks</li> <li>● EIL Type Castables</li> <li>● Coating Materials</li> <li>● Wet Mortors</li> </ul>	<ul style="list-style-type: none"> <li>● Regeneration Tiles</li> <li>● Lining of Cold Collector</li> <li>● Vibro Casting / Heat-up of Castable Lining</li> <li>● Insulating Burner Blocks</li> <li>● Hi-Strength Insulating Castables</li> </ul>	<ul style="list-style-type: none"> <li>● TPL, Nirma - Petron</li> <li>● CPCL Heavy Water</li> <li>● Plant</li> <li>● MRPL</li> <li>● FACT</li> <li>● IGCAR</li> <li>● HPCL / L&amp;T / LLOYD</li> <li>● HOCL</li> <li>● BRBPL</li> </ul>
FOUNDRIES	<ul style="list-style-type: none"> <li>● Retrofitting of Furnaces for Fuel Efficiency</li> </ul>	<ul style="list-style-type: none"> <li>● Exothermic / Insulation Sleeves</li> <li>● Deslagger</li> <li>● Anti-piping Compound</li> <li>● Castable Refractories</li> <li>● Induction Furnace Bottom &amp; Top inserts</li> <li>● Insulation Boards</li> <li>● Alumina / Spinel based Ramming Masses</li> </ul>	<ul style="list-style-type: none"> <li>● Alumina / Magnesite</li> <li>● Ramming Mass</li> <li>● Castables for Ladles</li> <li>● Coil Coating Cement</li> <li>● Refractory Coatings</li> <li>● Silicon Carbide Crucibles</li> <li>● Foam Filters</li> </ul>	<ul style="list-style-type: none"> <li>● Nelcast</li> <li>● Harihar Alloys</li> <li>● Madhura Steels</li> <li>● Ennore Foundry</li> <li>● LMW</li> <li>● KCP</li> <li>● Aditya Cast</li> </ul>
ALUMINIUM - NONFERROUS	<ul style="list-style-type: none"> <li>● Retrofitting of Melting/ Holding Furnaces for Fuel Saving / Capacity increase including Energy Audit with low thermal Mass design</li> </ul>	<ul style="list-style-type: none"> <li>● Phosphate Bonded Ramming Mass / Castables &amp; Bricks for Melting Furnaces</li> <li>● Precast Shapes</li> </ul>	<ul style="list-style-type: none"> <li>● Non-wetting Castables and Insulation Boards</li> <li>● SIC Crucibles</li> <li>● Foam Filters</li> <li>● Non-wetting Insulation Launderers/ Cones / Raiser Pipe</li> <li>● Hindustan Copper</li> </ul>	<ul style="list-style-type: none"> <li>● Sundaram Clayton</li> <li>● MALCO / BALCO</li> <li>● Sargam Metals</li> <li>● Kaytee Switchgear</li> <li>● Sterlite</li> <li>● INDAL</li> <li>● Samkrp Pistons</li> <li>● Geotz</li> </ul>
Exports		<ul style="list-style-type: none"> <li>● Ramming Mass</li> <li>● Cast Shapes</li> <li>● Phosphate Bonded Bricks</li> </ul>	<ul style="list-style-type: none"> <li>● Castables</li> <li>● Precast Shapes</li> <li>● Insulation Bricks &amp; Boards</li> </ul>	<ul style="list-style-type: none"> <li>● Saudi Arabia</li> <li>● Kuwait</li> <li>● Malaysia</li> <li>● Dubai</li> <li>● Phillipines</li> </ul>

Projects / Annual Maintenance Contracts / Comprehensive Refractory Management	<ul style="list-style-type: none"> <li>• Turnkey Refractory Jobs and Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Refractory Castables</li> <li>• Acid Resistance</li> <li>• Castables</li> <li>• Refractory Bricks &amp; Ceramic</li> <li>• Fibres</li> <li>• Anchors</li> <li>• Boards</li> </ul>	<ul style="list-style-type: none"> <li>• Special Refractory packages based on process condition for enhanced throughput and fuel saving</li> </ul>	<ul style="list-style-type: none"> <li>• Sterlite, FACT</li> <li>• FFE Minerals</li> <li>• L&amp;T Baroda</li> <li>• Cethar Vessels</li> <li>• BHEL, Bridge &amp; Roof</li> <li>• Indo German</li> <li>• Bay Forge</li> </ul>
ROLLING MILLS / FORGING FURNACES	<ul style="list-style-type: none"> <li>• Retrofitting and conversion of Brick Lining to Castables / Board Lining for Fuel Efficiency including Energy Audit</li> </ul>	<ul style="list-style-type: none"> <li>• Alumina Mullite Bricks</li> <li>• Roof Bricks</li> <li>• Gel Bonded Mullite / Lightweight</li> <li>• Burner Blocks</li> </ul>	<ul style="list-style-type: none"> <li>• Hearth Blocks for Coal/ Oil Fired Furnaces</li> <li>• Precast fired in sizes 600x300x115, 500x200x115 in PCF90 / PCF 70 M for Resistance to HIGH ABRASION / SLAG</li> </ul>	<ul style="list-style-type: none"> <li>• Major Steel Rolling Mills in TN / AP / Karnataka</li> <li>• Bharath Forge</li> <li>• Shadlow India / ICF</li> <li>• Ashok Ley Land</li> <li>• SISCO</li> <li>• VISL</li> </ul>
BOILERS / POWER PLANT / OEM	<ul style="list-style-type: none"> <li>• Supply and application of Refractories</li> <li>• WHRB Duct Lining from Design to Dryout</li> </ul>	<ul style="list-style-type: none"> <li>• RRefacast Super XL</li> <li>• Refcast CXL</li> <li>• Refinsul 11</li> <li>• Refcast LC70</li> </ul>	<ul style="list-style-type: none"> <li>• Rotocrete for Higher strengths at operating Temperatures</li> </ul>	<ul style="list-style-type: none"> <li>• Cethar Vessels, Thermax</li> <li>• FCBKCP, EN MASS</li> <li>• Mitsui Babcock Borsig</li> <li>• Thermodyne</li> <li>• FFE / APGENCO / MTPS</li> <li>• NTPC / ETPS / NMPTS</li> <li>• Thyssen Krupp</li> </ul>
	<ul style="list-style-type: none"> <li>• Chimney lining with Bricks / Castables</li> </ul>			<ul style="list-style-type: none"> <li>• GMR Vasavi, PPN</li> <li>• St. Gobain, Terra Energy</li> <li>• HiTech Carbon</li> <li>• Orchid Chemicals</li> </ul>
CHEMICAL	<ul style="list-style-type: none"> <li>• Turnkey Refractory Jobs</li> <li>• Incinerators</li> <li>• Rotary Kiln</li> </ul>	<ul style="list-style-type: none"> <li>• ULCC 90 Castables</li> <li>• 85P Bricks</li> <li>• Gel Bonded Castables</li> </ul>	<ul style="list-style-type: none"> <li>• Acid Resistance Castables</li> <li>• Dual lining of Rotary Kiln for Fuel Saving</li> </ul>	<ul style="list-style-type: none"> <li>• SHASUN</li> <li>• Vanavil</li> <li>• Indo German</li> <li>• Haat Incinerators</li> </ul>