



**SHARADAA**

CERAMICS PVT LTD

*Passion. Performance. Pride.*

ISO 9001:2015

# FOUNDRIY INDUSTRY

for

## LADLE , TUNDISHES

**Total Refractory Management**

**Ladle to Lining**

**Sharadaa offers Dismantling, Supply, Application, Heat**

**Curing on Turnkey Basis**



# Core Strength

- **Working Layer**

- ❖ SolGel / Low Cement Bonded Monolithic Refractory for achieving 9-12 month life in Ladle/Tundish
- ❖ Ideal for long-running operations with minimal maintenance
- ❖ Withstands abrasive and high-impact conditions
- ❖ Protects against slag infiltration in harsh zones
- ❖ Robust Corrosion Resistance & High Impact Strength

- **Key Patching Layer**

- ❖ Preformed plastics
- ❖ Erosion Resistant Castable by Trowelling
- ❖ Non Wetting Sacrificial Layer Installed with SOP conformance & Discipline
- ❖ Life: 12-48 hrs



# Special Refractories

## Built for Longevity & Performance

- **Velcrete SF 204**

- ❖ A premium gel-bonded castable specifically engineered for foundry ladles handling SG iron, grey iron, and molten steel –Used in Ladle Backup Lining
- ❖ Delivers consistent lining performance, extending ladle life and minimizing maintenance in demanding foundry operations

- **VelCast A**

- ❖ Excellent Slag Resistance & Thermal Shock Resistance
- ❖ Resilient against chemical & mechanical wear
- ❖ Easy Trowel Patching – No formwork required
- ❖ Quick Repairs- Minimises Downtime, Maximises Campaign Life
- ❖ Patchwork Friendly



# Special Refractories

## Built for Longevity & Performance

- **Refram A SPL**

- ❖ Premium Ramming Mass for Extended Campaigns
- ❖ Built for Durability & Performance in extreme environments
- ❖ Excellent bonding with working layer for structural integrity
- ❖ Minimizes internal stress & Maintains Integrity at high temperatures



# Sharadaa Advantage – What you benefit

- **Operational Efficiency**
  - Lower Refractory Cost per Ton of Liquid Metal
  - 20% Reduction in Material & Labour Costs
  - Low Wastage
  - Just-in Time Inventory at the Customer End
- **Technical & Process Support**
  - Products backed with Expert Guidance & Field Assistance
  - Removal of Refractory Related Work
  - One Stop Contact for Supply, Service & Support
  - Safety Driven Design during Installation & Operation
- **Performance & Quality**
  - Non-Metallic Inclusions
  - Precast Solutions for Non-Curable Zones
  - Dimensional Stability, High Refractoriness & Long Campaign Life



## Transfer Ladle Sacrificial Lining



## Transfer Ladle Lining with Refram A SPL



## Treatment Ladle Patching





# Tundish Ladle Lining with VelplastSic

