



Supply & Support  
Service Systems Co. Ltd

## Petrochemical, Iron & Steel, Aluminum & Cement Industry

## REFRACTORY TURNKEY SOLUTIONS & INSTALLATION SERVICES

On-site & In-house refractory applications includes but not are limited to:

- Installation
- Supply of Materials
- Maintenance & related Mechanical Activities
- Engineering
- Technical Assistance
- Preheating

### About Us

4S offers a full range of refractory services. Our people are skilled and API certified that can handle all your refractory needs from demolition of existing linings and surface preparation to installation of new refractory.

We are well-versed with all types of refractory works including the In Situ vibra-casting, gunning, monolithic pumping and cast, pneumatic ramming, and brick lining.

Our company specializes in complete turnkey installation, repair and maintenance solutions for any customer that wants to ensure the refractories have been installed according to the manufacturer's guidelines.

#### List of Major Clients

Saudi Aramco | Saudi Electricity Company | Maa'den Aluminium Company | Sadara Chemical Company | Saudi Chevron Philips/Saudi Polymers Company (Schem) | Sahara International Petrochemical Company (Sipchem) | Emerson Process Management Arabia Ltd / Emerson Saudi Arabia LLC | Petrochemical Conversion Company (PCC) | Khair Inorganic Chemical Industries CO. (InoChem)



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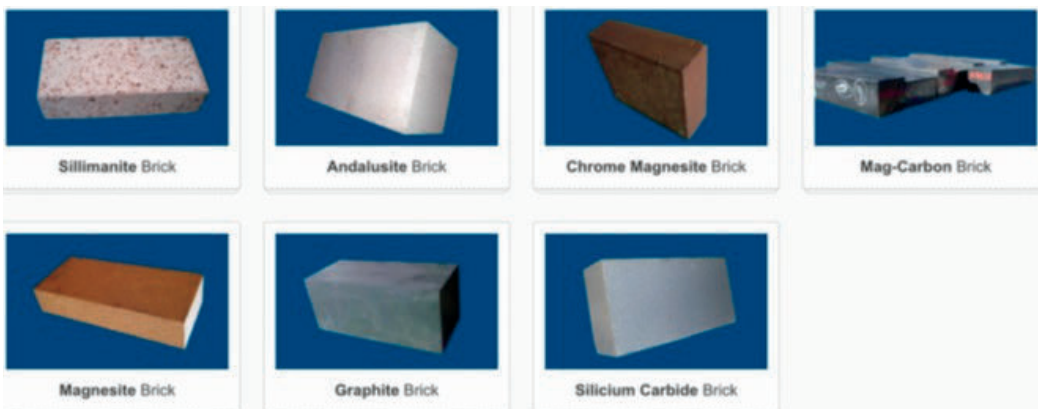
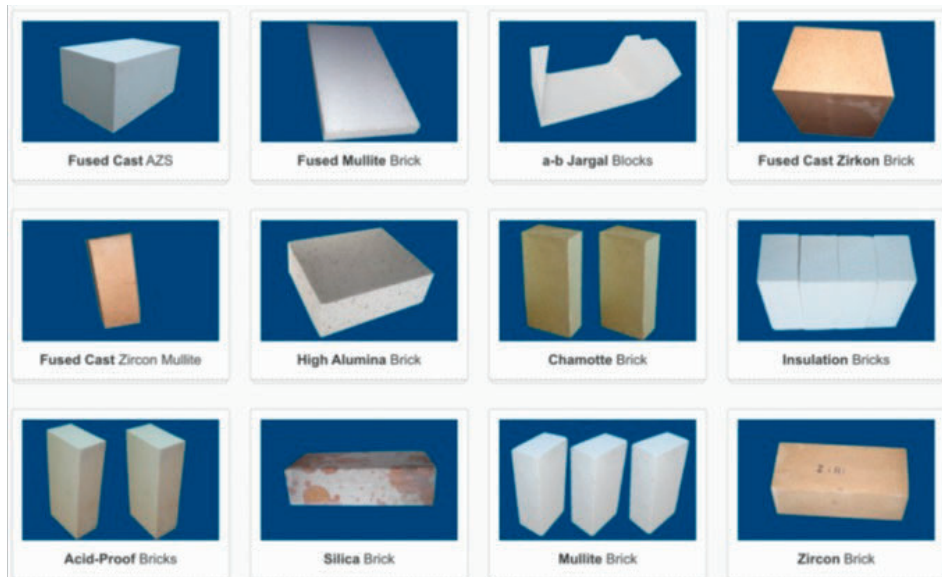
Our range of products for Refractory includes:

- Insulation Bricks
- Dense Brick
- Grouting Mortar
- Dry Barrier Mix
- Dense Castable
- Precast Shapes
- Ceramic Braid/Rope, Bulk Fiber & Fiber Blankets



## Introduction of Refractory Products

4S with its experience in refractory materials, engineering and installation has pioneered the research and development of refractory technology within the art and science of ceramic engineering. Our trademark has always been our dedication to provide high-caliber products, quick delivery, and responsive customer service.



4S offers complete refractory solutions used in the production of primary & secondary aluminum. All of our products are long-term approved from the leading technology providers.





Refractory Mortars



Plastic Refractories



Insulation Castables



Low Cement Castables



Air-Setting Mortars



Refractory Gunning Mixes



Refractory Repair Mortars



Chamotte Castables



High Alumina Castables



AZS ZAC Castables



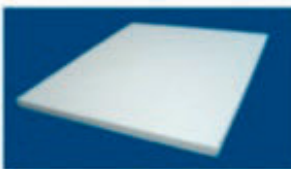
Zircon Castables



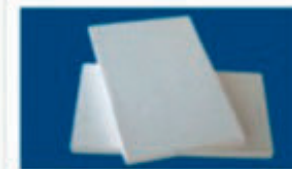
Ceramic Fiber Adhesives



Ceramic Fiber Blankets



Ceramic Fiber Boards



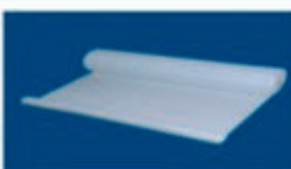
Calcium Silicate Boards



Ceramic Fiber Modules



Ceramic Fiber Papers



Ceramic Fiber Clothes



Ceramic Vacuum Formed



Ceramic Fiber Ropes



Ceramic Fiber Yarn



Bulk Ceramic Fiber



Ceramic Fiber Tapes