



Zinfon Refractory Technology Co.,Ltd.

 About Us

Zinfon Refractory Technology Co., Ltd. is a refractory material supplier integrating R&D, production, processing, construction, warehousing and commerce. It has invested two manufacturing plants: **Liaoning Xinfeng Refractory Plant and Liaoning Yixing Refractory Technology Co.,Ltd.**, and offering various magnesia and alumina refractories including both shaped and unshaped products, raw materials and related chemical products. Those are widely used for steel-making, metallurgy, construction, nonferrous, power plant, machinery, petroleum, chemical and other industries. We are offering premium solutions for high-temperature applications and industries.

Liaoning Xinfeng Refractory Plant locates in Fushun city of Liaoning Province, it has over 20 years' experience in technological research and production management of alumina refractory materials, a full-automatic batching and filling production line and a manufacturing workshop of castables, covering all the alumina refractories including: shaped products of high alumina series, mulite series, silicon series, phosphate series and light insulation series etc., and unshaped products of castable, self-flow, plastic materials and precast blocks, etc., as well as a variety of raw refractories and chemical products.

Liaoning Yixing Refractory Technology Co.,Ltd., locates in Dashiqiao city of Liaoning Province, replying on the "China Magnesia Capital" – Dashiqiao city' s rich magnesite mineral resource, and the local industrial cluster of refractories, we have invested two production lines of 120-meter ultra-high temperature tunnel kiln, a full-automatic crushing and grinding workshop for raw materials, with more than 100 employees and an annual output of 100,000 tons of various refractory products. Its magnesia product line covers all grades of Mg, Mg-Cr, Mg-C, Mg-Zr, Mg-Fe spinel, Mg-Al spinel, forsterite and other sintering brick products, especially the directly bonded and semi-directly bonded Mg-Cr bricks have been successfully applied on the AOD (Argon Oxygen Decarburization), VOD (Vacuum Oxygen Decarburization), and RH (Ruhrstahl Heraeus) refining furnaces of steel mills.

We prioritize technological innovation and product development, and have established a technological R&D center and laboratory with complete sets of physical and chemical testing device for refractory materials. Additionally, we have passed the quality management system certifications, our product have been exported to the USA, Australia, Vietnam, South Korea, and Russia, and many other countries of Africa, Europe, and America.



Raw Material

◆ High Alumina Raw Refractory

Sintered Bauxite
Sintered Flint Clay
Sintered Mullite Complex
Homogenized Bauxite
Light Sintered Mullite

◆ The 3 Raw Refractory Stones

Cyanite
Andalusite
Sillimanite

◆ Fused Refractories

White Corundum
Brown Corundum
Dense Corundum
Zr –Corundum
Cr–Corundum
Fused Mullite
Fused Mg–Al Spinel

◆ Fused Spinel

Plate Corundum
Sintered Mg–Al Spinel

◆ Fused Magnesia Raw Material

Fused Magnesia
Fused Magnesia–Chrome
Large Crystalline Magnesia

◆ Sintered Magnesia Raw Magnesia

Dead–burned Magnesia
Mid–grade Magnesia
High Purity Magnesia

◆ Microsilica

94–Microsilica
96–Microsilica
Zirconium Silicate

◆ Raw Silicon Carbide

Silicon Carbide – SiC
Silicon Nitride – SiN

◆ Monolythic Refractory Bonding Agent

Aluminate Cement
Pure Calcium Aluminate Cement

◆ Raw Alumina

Activated Alumina
Calcined Alumina

◆ Phosphate Binder

Liquid – Aluminum Dihydrogen Phosphate
Solid – Aluminum Dihydrogen Phosphate Powder

◆ Refractory Additives

Sodium Tripolyphosphate – $\text{Na}_5\text{P}_3\text{O}$
Sodium Hexametaphosphate – $(\text{NaPO}_3)_6$
Sodium Pyrophosphate – Na_4O_7
Citric Acid (CA) – $\text{C}_6\text{H}_8\text{O}_7$
Super–plasticizer
Chromium Oxide Green – Cr_2O_3
Aluminum Sulfate – $\text{Al}_2(\text{SO}_4)_3$
Carboxymethyl Cellulose (CMC) – $\text{C}_6\text{H}_{12}\text{O}_6$
Asphalt
Orthoboric acid / Boric Acid – H_3BO_3