民族品牌
NATIONAL BRAND

金利窑炉
JINLI KILN

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The fertile land of Heluo has nurtured the craftsmanship of skilled artisans for three decades,

金利耐材深耕冶金高温前沿；
Jinli Refractories has made significant strides in the forefront of metallurgical high-temperature technology;

联通四海共筑环球炉窑基业，
Unite across the world to build a global foundation for furnace operations,

精工致远铸就华夏实业新篇！
Exquisite craftsmanship and unwavering dedication pave the way for a new chapter in Chinese industry!

郑州金利窑炉工程有限公司
（前身：1996年创立巩义市金利炉料厂）

Zhengzhou Jinli Kiln Engineering Co., Ltd.
(Formerly known as Gongyi Jinli Furnace Materials Factory, established in 1996)

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郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

耐火材料产品介绍

三十余年专注中高端耐火制品和冶金新材料

PRODUCT INTRODUCTION OF REFRACTORY MATERIALS
Over three decades of expertise in high-end refractory products and metallurgical new materials.

















中国·河南

China. Henan Province

水渣沟
Water sludge ditch







陶瓷耐磨料现场浇筑
Ceramic wear-resistant material poured on-site







粒化塔现场喷涂、浇筑
On-site spraying and pouring of the granulation tower







料仓槽下称量料斗用陶瓷耐磨材料施工现场
A material hopper with a weighing chamber and a feeder made of ceramic, abrasion-resistant material, being used on a construction site









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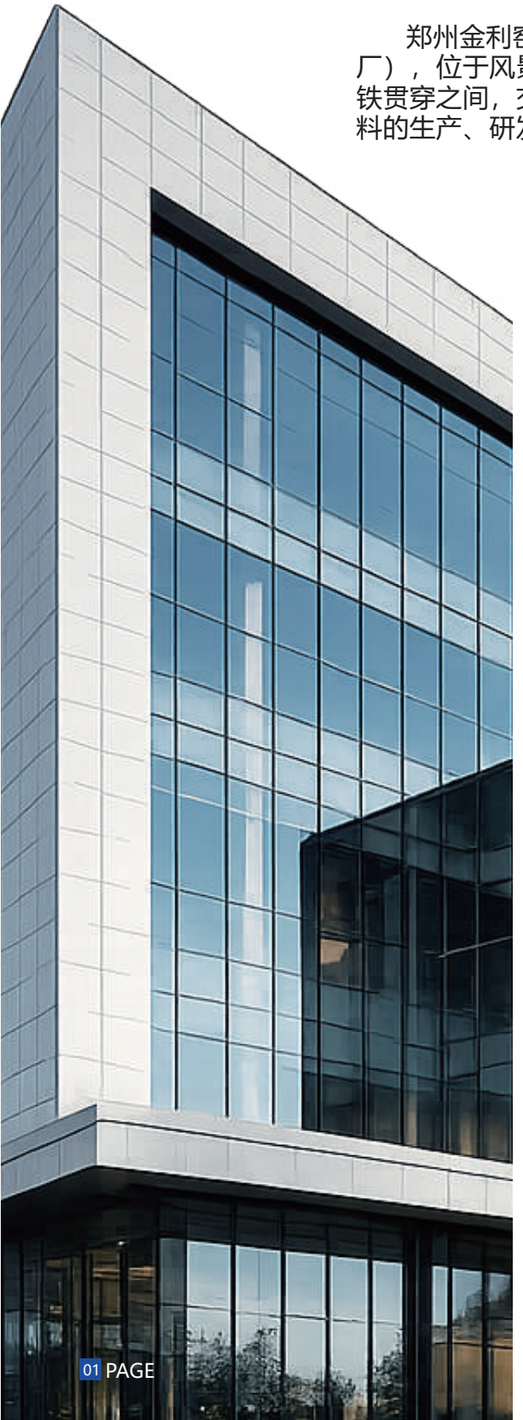
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COMPANY PROFILE
公司简介

绿色智能
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郑州金利窑炉工程有限公司（前身创立于1996年的巩义市金利炉料厂），位于风景秀丽的中原新城巩义市，连霍高速、焦桐高速、郑西高铁贯穿之间，交通极为便利，三十余年专注中高端耐火制品和冶金新材料的生产、研发、冶金工程施工总承包和技术咨询服务。

Zhengzhou Jinli Furnace Engineering Co., Ltd. (formerly known as Gongyi Jinli Furnace Materials Factory, established in 1996) is located in the picturesque Zhongyuan New City of Gongyi City. The city is situated between the Lianhuo Expressway, Jiaotong Expressway, and Zhengxi High-speed Railway, making transportation extremely convenient. For over three decades, the company has focused on the production, research and development, and overall contracting of metallurgical construction projects, as well as providing technical consulting services for high-end refractory products and new metallurgical materials.

核心能力
CORE COMPETENCIES

- 集产品设计、研发、制造、销售、施工、服务为一体
  It integrates product design, research and development, manufacturing, sales, construction, and services.
- 年产不定型耐材8万吨、定型耐材3万吨
  Annual production of non-shaped refractories: 80,000 tons; shaped refractories: 30,000 tons.
- 生产工艺先进，主体装备优良，环保设施配套齐全，检测控制项目完备，技术力量雄厚。
  The production process is advanced, the main equipment is of high quality, the environmental protection facilities are well-equipped, the testing and control projects are comprehensive, and the technical capabilities are strong.

Jinli



30+年
公司发展

生产设施
PRODUCTION FACILITIES

- 公司有标准化生产车间11座，办公楼2座，企业研发中心1座，职工活动中心1座。
  The company has 11 standardized production workshops, 2 office buildings, 1 corporate R&D center, and 1 employee activity center.
- 主要生产设备：压力机4台、电烘干窑2座；颚破机4套、对辊机5套、圆锥形破碎5套、振动分筛机5套、雷蒙磨3套、搅拌机10台
  Main production equipment: 4 presses, 2 electric drying kilns, 4 jaw crushers, 5 double-roll crushers, 5 cone crushers, 5 vibrating screening machines, 3 Raymond mills, and 10 mixers.
- 安装5套PLC自动控制系统。以上生产线均为自动化密闭生产线。
  5 sets of PLC automatic control systems are installed. All the above production lines are automated enclosed production lines.

发展目标
DEVELOPMENT GOALS

- 不断增强实力、激发活力、提升魅力
  Continuously strengthen capabilities, stimulate vitality, and enhance attractiveness.
- 致力于实现企业的绿色发展、创新发展和高质量发展
  Committed to achieving green development, innovative development, and high-quality development of the enterprise.
- 立志打造值得海内外客户信赖的百年耐材企业。
  Dedicated to building a century-old refractory enterprise trusted by customers at home and abroad.

企业理念
CORPORATE PHILOSOPHY

- 企业宗旨： 思路决定出路，人品铸就产品
  Corporate Tenet: Ideas determine the way forward; integrity shapes products.
- 经营理念：让客户满意，让用户满意
  Business Philosophy: Satisfy customers and satisfy users.



郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

GREEN INTELLIGENCE, LEADING THE WAY IN TECHNOLOGY

绿色智能 科技领航



公司资质

COMPANY QUALIFICATIONS

郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

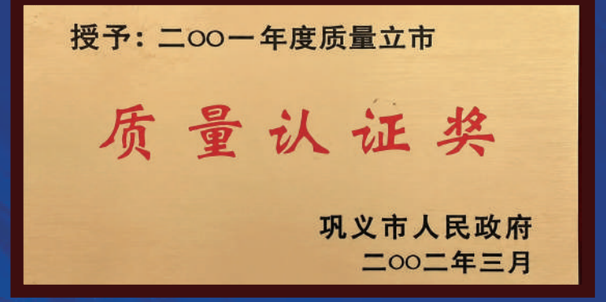


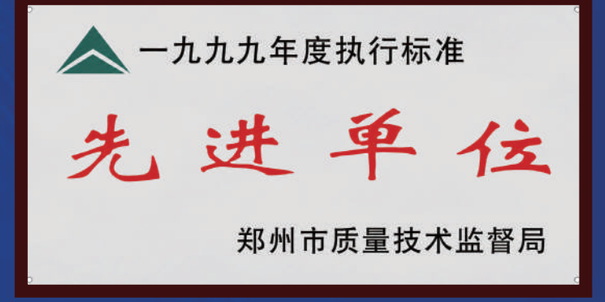


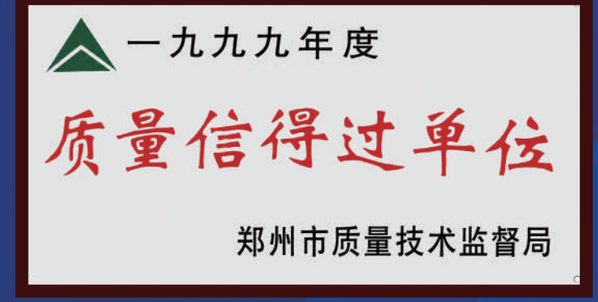






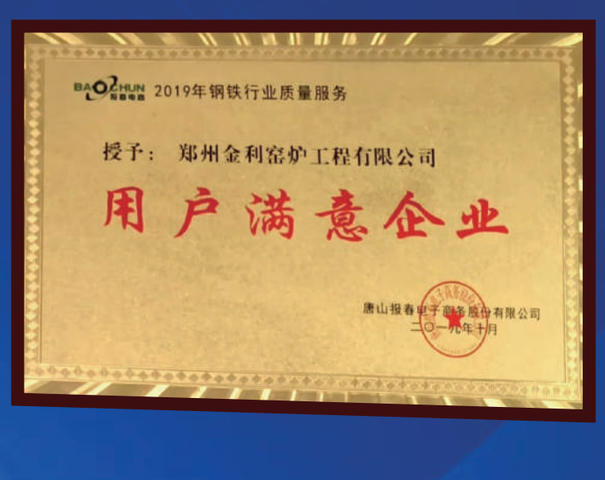














MAIN BUSINESS
主营业务

1.转炉氧枪防粘渣喷涂料，钢包包口防粘渣喷涂料，铁包包口防粘渣喷涂料，转炉炉口防粘渣喷涂料，精炼炉炉盖防粘渣喷涂料，渣盆渣罐喷涂料，铸铁机专用脱模机等全系列防粘渣袋装、桶装产品。

A full range of anti-slagging products in sets and drums, including anti-slagging spray coating for converter oxygen lances, anti-slagging spray coating for steel ladle mouths, anti-slagging spray coating for iron ladle mouths, anti-slagging spray coating for converter mouths, anti-slagging spray coating for refining furnace covers, spray coating for slag pots and slag ladles, and special release agents for pig casting machines.

2.烧结系统耐磨喷涂料，耐磨陶瓷衬板，石灰窑耐磨喷涂料，高炉热风炉冷态、热态压浆；铁沟沟盖浇注料、出铁场除尘罩喷涂料，高炉本体不定型材料。以及冲渣沟高中低温耐磨料等各种工业窑炉使用的耐高温不定型耐火材料。

Wear-resistant spray coatings for sintering systems, wear-resistant ceramic lining plates, wear-resistant spray coatings for lime kilns, cold and hot grouting for blast furnace hot-blast stoves; castables for iron trough covers, spray coatings for dust hoods in cast houses, monolithic materials for blast furnace bodies, as well as high-, medium-, and low-temperature wear-resistant materials for slag flushing channels and various high-temperature monolithic refractory materials used in industrial kilns.

3.铁水罐（包）耐材整体承包，鱼雷罐耐材整体承包。

Overall contracting of refractory materials for hot metal ladles and torpedo ladles.

郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

MAJOR CLIENTS
公司业绩

宝钢德盛不锈钢有限公司	Baosteel Desheng Stainless Steel Co., Ltd.
青岛特殊钢铁有限公司	Qingdao Special Steel Co., Ltd.
中天钢铁集团（常州）有限公司	Zenith Steel Group (Changzhou) Co., Ltd.
莱钢永锋钢铁有限公司	Laigang Yongfeng Steel Co., Ltd.
潍坊特钢集团有限公司	Weifang Special Steel Group Co., Ltd.
连云港亚新钢铁集团有限公司	Lianyungang Yaxin Steel Group Co., Ltd.
连云港兴鑫钢铁集团有限公司	Lianyungang Xingxin Steel Group Co., Ltd.
日照钢铁控股有限公司	Rizhao Steel Holding Group Co., Ltd.
山东鲁丽钢铁有限公司	Shandong Luli Steel Co., Ltd.
江苏省镔鑫钢铁集团有限公司	Jiangsu Binxin Steel Group Co., Ltd.
河南济源钢铁（集团）有限公司	Henan Jiyuan Iron & Steel (Group) Co., Ltd.
中天钢铁集团（南通）有限公司	Zenith Steel Group (Nantong) Co., Ltd.
山东泰山钢铁集团有限公司等	Shandong Taishan Iron & Steel Group Co., Ltd., etc.



STEELMAKING SERIES
炼钢系列

01 转炉炉口防粘渣喷涂料
Anti-slag coating for the top opening of a converter furnace

转炉炉口防粘渣喷涂料是一种专门用于转炉炉口、炉帽、出钢口周边及易受钢渣喷溅部位的功能型耐火喷涂材料。

Anti-slagging spray coating for converter mouth is a functional refractory spray coating material specially used for converter mouths, furnace hoods, areas around tapping holes, and parts easily affected by molten steel and slag splashing.

产品特点 Product Features

- 该产品通过专用喷涂设备施工，可在炉口表面形成一层致密、稳定的耐高温防护涂层

  Applied with special spraying equipment, this product can form a dense and stable high-temperature-resistant protective coating on the furnace mouth surface.

- 有效降低钢渣、铁渣及熔融物质在炉口区域的粘附程度

  Effectively reduces the adhesion of steel slag, iron slag, and molten substances in the furnace mouth area.

- 减少粘渣、挂渣和清理困难等问题

  Reduces problems such as slag adhesion, slag build-up, and difficult cleaning.



(转炉炉口喷涂后效果)
(Effect after spraying on the converter mouth)

性能优势 Performance Advantages

- 产品具有良好的耐高温性能、抗热震性和附着性能

  The product offers excellent high-temperature resistance, thermal shock resistance, and adhesion performance.

- 能够适应转炉冶炼过程中粘渣量大，热冲击频繁钢渣难清理等情况

  It can adapt to converter smelting conditions involving heavy slag adhesion, frequent thermal shock, and difficult steel slag cleaning.

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02 渣盆、渣罐喷涂料
Spray Coating for Slag Pots and Slag Ladles

渣盆、渣罐喷涂料是一种专用于钢铁冶炼渣处理设备内衬表面的功能型耐火喷涂材料，主要用于降低高温熔渣与渣盆、渣罐表面的粘附强度，减少挂渣，结渣和清渣难度。

Spray coating for slag pots and slag ladles is a functional refractory spray coating material specially used on the inner lining surfaces of slag handling equipment in iron and steel smelting. It is mainly used to reduce the adhesion strength between high-temperature molten slag and the surfaces of slag pots and slag ladles, thereby reducing slag build-up, slag accretion, and the difficulty of slag removal.

使用效果 Application Effect

- 脱罐率达到了98%以上

  The slag release rate reaches over 98%.

- 一般情况下不需要磕碰，只要行车司机把渣盆、渣罐倾斜到 120 度到 180 度之间，钢渣就会自动脱落

  Under normal conditions, no knocking is required. As long as the crane operator tilts the slag pot or slag ladle to an angle between 120° and 180°, the steel slag will automatically fall off.

- 大大降低提高了钢厂的渣罐运行效率，为钢厂提能耗耗，增加了效益

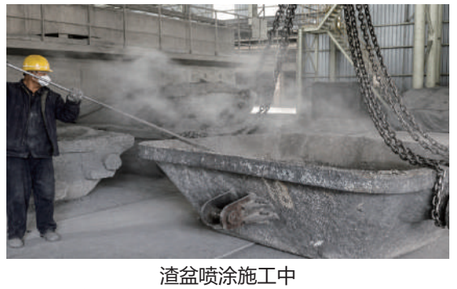
  It greatly improves the operating efficiency of slag ladles in steel plants, reduces energy consumption for steel plants, and increases benefits.



渣罐喷涂倒渣后效果图
Effect after slag pouring from a sprayed slag ladle



渣罐喷涂倒渣中
Slag pouring from a sprayed slag ladle in progress



渣盆喷涂施工中
Spraying construction on a slag pot



渣盆喷涂后倒出的钢渣
Steel slag poured out after slag pot spraying

03 精炼炉盖防粘渣喷涂料
Anti-slagging Spray Coating for Refining Furnace Covers

本产品为粉状，采用吨包装包装，每小袋 25KG，可在精炼炉炉盖上使用。

This product is in powder form and packed in jumbo bags, with each small bag weighing 25 kg. It can be used on refining furnace covers.

解决的问题 Problems Solved

- 精炼炉钢包经过高温精炼后，会喷溅出很多的钢渣造成精炼炉炉盖粘渣，影响生产

  After high-temperature refining in the refining furnace ladle, a large amount of steel slag may splash out, causing slag adhesion on the refining furnace cover and affecting production.

- 需要炉长带领炉前工停炉后，站在精炼炉炉前台车下，3个人用撬杠清理钢渣，特别危险

  After shutdown, the furnace supervisor needs to lead furnace-front workers to stand under the furnace-front trolley of the refining furnace, where three people use crowbars to clean the steel slag. This is particularly dangerous.

使用效果 Application Effect

- 工人再也不用人工清理钢渣了
  Workers no longer need to manually clean steel slag.
- 减轻了工人的劳动强度和危险程度
  It reduces workers' labor intensity and safety risks.
- 提高了炼钢的效率，增加了钢厂的效益
  It improves steelmaking efficiency and increases the benefits of the steel plant.





（精炼炉炉盖喷涂前后效果图）
(Comparison of the refining furnace cover before and after spraying)

04 钢包、铁包包口防粘渣喷涂料
Anti-slagging Spray Coating for Steel Ladle and Iron Ladle Mouths

适用于钢包、铁包包口及边沿部位防护，可在高温环境下形成稳定隔离层，减少钢渣、铁渣及喷溅物粘附，降低结渣，挂渣和清理难度。

It is suitable for protecting the mouths and edges of steel ladles and iron ladles. It can form a stable isolation layer in high-temperature environments, reducing the adhesion of steel slag, iron slag, and splashes, and lowering the difficulty of slag build-up, slag adhesion, and cleaning.

产品特点 Product Features

- 具有良好的耐高温、抗侵蚀、抗热震和附着性能
  It has excellent high-temperature resistance, erosion resistance, thermal shock resistance, and adhesion performance.
- 施工便捷，喷涂后，包口易清渣
  Easy to apply; after spraying, slag can be easily removed from the ladle mouth.
- 可延长包口耐材使用寿命，提升包体周转效率
  It can extend the service life of refractory materials at the ladle mouth and improve ladle turnaround efficiency.





（精炼炉炉盖喷涂前后效果图）
(Comparison of the refining furnace cover before and after spraying)

05 转炉氧枪防粘渣喷涂料
Anti-slagging Spray Coating for Converter Oxygen Lances

在转炉炼钢过程中，氧枪粘枪已是普遍存在的问题，粘在氧枪上的不只是炉渣，多数情况下是一种钢渣混合物。

During converter steelmaking, slag adhesion on oxygen lances has become a common problem. The material adhering to the oxygen lance is not only furnace slag; in most cases, it is a mixture of steel and slag.

产品特点 Product Features

- 处理粘枪不仅不利于转炉工人的劳动保护
  Removing adhered slag from the lance is not conducive to labor protection for converter workers.
- 清除钢渣混合物十分困难，需要用氧气切割出缝隙，然后用翘棍撬掉
  Removing the steel-slag mixture is very difficult. It requires cutting gaps with oxygen and then prying it off with a crowbar.
- 稍不小心，便很容易损坏氧枪枪体，氧枪割漏事故时有发生
  With the slightest carelessness, the oxygen lance body can be easily damaged, and lance burn-through accidents may occur from time to time.
- 烧伤、烫伤、碰伤等事故经常发生，处理粘枪工作带有一定危险性
  Burns, scalds, bruises, and other accidents often occur, making the removal of lance adhesion somewhat hazardous.

产品效果 Product Effect

- 防止、降低粘渣厚度和易清理的作用
  It helps prevent slag adhesion, reduce slag thickness, and make cleaning easier.
- 防止钢水铁花喷溅熔漏，杜绝了因钢水铁花花喷溅熔漏氧枪漏水现象
  It prevents splashing and melting leakage caused by molten steel and sparks, eliminating oxygen lance water leakage caused by molten steel splash leakage.
- 主要用于氧枪枪体及枪头附近部位，形成抗粘渣保护层
  Mainly used on the oxygen lance body and areas near the lance head to form an anti-slag adhesion protective layer.

郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

06 电炉喷补料、转炉喷补料
Gunning Mix for Electric Furnaces and Converters

适用于电弧炉、转炉炉衬在线热态修补，覆盖渣线、耳轴、炉大面、出钢口、炉底区域，快速修补炉衬熔损、剥落、裂纹，延长炉衬整体寿命。

Suitable for online hot repair of linings in electric arc furnaces and converters, covering slag lines, trunnions, furnace walls, tapping holes, and furnace bottom areas. It rapidly repairs lining erosion, spalling, and cracks, extending the overall service life of furnace linings.

产品特点 Product Features

- 高温附着强度高，可与原炉衬结合不易脱落
  High bonding strength at high temperatures; it bonds well with the original furnace lining and is not easy to fall off.
- 兼具优良抗渣渗透能力，既能抵御转炉碱性熔渣，也可适应电炉、转炉酸碱混合渣工况
  It also has excellent slag penetration resistance, enabling it to resist basic converter slag and adapt to acid-base mixed slag conditions in electric furnaces and converters.
- 热震稳定性佳，修补后不易二次开裂剥落
  Good thermal shock stability; after repair, it is not prone to secondary cracking or spalling.
- 施工流动性好、反弹率低，物料损耗小
  Good construction fluidity, low rebound rate, and low material loss.
- 凝固烧结速度快，大幅缩短停炉时间，提升冶炼作业效率
  Fast setting and sintering speed, greatly shortening furnace downtime and improving smelting operation efficiency.
- 可根据现场轻重侵蚀条件定制配比品级，有效降低钢厂综合耐材损耗与生产成本
  The formulation grade can be customized according to the severity of on-site erosion conditions, effectively reducing the overall refractory consumption and production costs of steel plants.

07 轻质节能保温喷涂料
Lightweight Energy-saving Insulation Spray Coating

本轻质喷涂料采用多孔莫来石、空心球为轻质骨料，专为各类工业炉温隔热施工打造，契合全球节能降碳趋势，广泛适配钢厂热风管道、水泥窑、工业锅炉等设备保温改造。

This lightweight spray coating uses porous mullite and hollow spheres as lightweight aggregates. It is specially designed for thermal insulation construction of various industrial furnaces, aligning with the global trend of energy saving and carbon reduction. It is widely suitable for insulation upgrades of hot-blast pipelines in steel plants, cement kilns, industrial boilers, and other equipment.

产品特点 Product Features

- 导热系数极低，有效减少燃料损耗
  Extremely low thermal conductivity, effectively reducing fuel consumption.
- 喷涂一体成型无拼接缝，杜绝热量外泄
  Integrally formed by spraying without joints, preventing heat loss.
- 自重轻，降低窑炉钢结构荷载，延长钢壳使用年限
  Lightweight, reducing the load on kiln steel structures and extending the service life of steel shells.
- 耐冷热交替不开裂，耐受轻微烟气腐蚀，服役周期长
  Resistant to cracking under alternating hot and cold conditions, resistant to mild flue gas corrosion, and offering a long service life.



SHAPED PRODUCTS SERIES
定型系列

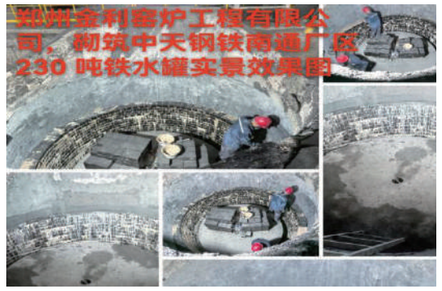
01 铝碳化硅碳砖
Alumina-Silicon Carbide-Carbon Bricks

适用于钢铁行业鱼雷罐、铁水罐、铁水预处理包内衬及落铁冲击区、渣线、锥环罐底等高冲刷、高侵蚀部位。

Suitable for use in torpedo ladles, hot metal ladles, hot metal pretreatment ladle linings, and high-erosion, high-wear areas such as iron impact zones, slag lines, taper rings, and ladle bottoms in the iron and steel industry.

产品特点 Product Features

- 高压成型致密度高，气孔率低，有效阻隔铁水、熔渣渗透
  High-pressure forming provides high density and low porosity, effectively preventing penetration of molten iron and slag.
- 热震稳定性极佳，罐体反复冷热交变不易剥落、掉块
  Excellent thermal shock stability; the vessel is not prone to spalling or flaking under repeated hot-and-cold cycling.
- 常温和高温强度高，耐铁水冲击、耐环流冲刷磨损
  High strength at both room and elevated temperatures; resistant to molten iron impact and circulating flow erosion.
- 抗氧化性能优异，避免碳结构氧化疏松，延长罐体寿命
  Excellent oxidation resistance, preventing carbon structure oxidation and loosening, thereby extending the service life of the vessel.
- 显著提升铁水罐周转次数，减少检修频次，适配海内外钢厂长期稳定生产工况
  Significantly increases hot metal ladle turnover cycles, reduces maintenance frequency, and is suitable for long-term stable production conditions in steel plants at home and abroad.





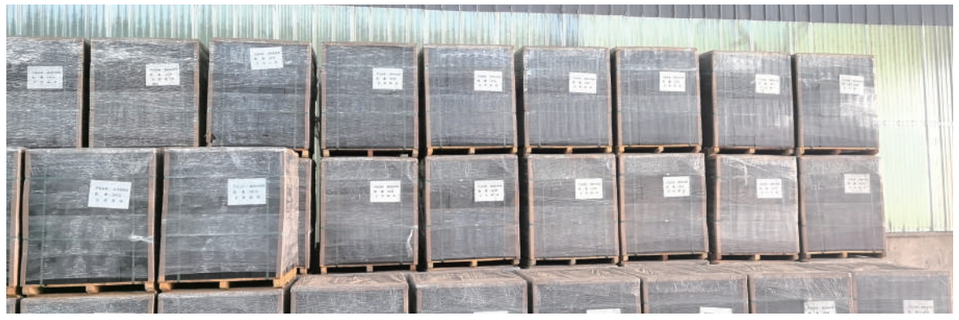
02 转炉补炉砖
Converter Repair Bricks

适用于炼钢转炉前后大面、耳轴区域、渣线、出钢口周边、炉底侵蚀薄弱部位定制，用于转炉冷态定修局部修补、热态在线应急补炉，修复炉衬减弱、剥落、熔损、裂纹缺陷，快速恢复炉衬设计厚度与整体性，适配各类顶底复吹转炉常规修补作业。

Customized for weak erosion areas such as the front and rear large surfaces, trunnion areas, slag lines, areas around the tapping hole, and furnace bottom of steelmaking converters. Used for local repair during cold scheduled maintenance and hot online emergency repair of converters, repairing lining weakening, spalling, melting loss, and crack defects, and quickly restoring the designed thickness and integrity of the furnace lining. Suitable for routine repair operations of various top-and-bottom combined blowing converters.

产品特点 Product Features

- 高致密度高，热震稳定性强，不易剥落掉块
  High density and strong thermal shock stability; not easy to spall or flake.
- 界面结合性强，一体化烧结
  Strong interfacial bonding and integrated sintering.
- 高温强度稳定，抗钢水冲刷性能优异
  Stable high-temperature strength and excellent resistance to molten steel erosion.
- 修补层与旧炉衬烧结一体，附着牢固，烧结迅速
  The repair layer sinters integrally with the existing furnace lining, with firm adhesion and rapid sintering.
- 可减少检修停机，延长炉衬寿命
  It can reduce maintenance downtime and extend furnace lining service life.
- 多品级可选，有效降低吨钢耐材成本
  Multiple grades are available, effectively reducing refractory cost per ton of steel.



03 陶瓷耐磨板
Ceramic Wear-resistant Plates

适用于烧结机大烟道，风箱、弯头及极易磨损部位的内衬防护，可形成高硬度耐磨陶瓷保护层，有效抵抗含尘高速烟气冲刷和颗粒磨损。

Suitable for lining protection of sintering machine main flues, wind boxes, elbows, and other highly wear-prone areas. It forms a high-hardness wear-resistant ceramic protective layer, effectively resisting erosion from high-speed dust-laden flue gas and particle abrasion.

产品特点 Product Features

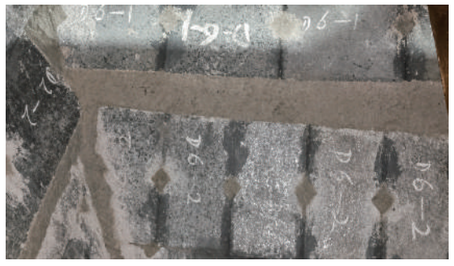
- 防止设备被腐蚀和损坏，保证设备的正常运行
  Prevents equipment from corrosion and damage, ensuring normal equipment operation.
- 承受高温环境，不易变形和损坏
  Withstands high-temperature environments and is not prone to deformation or damage.
- 重量轻，减少设备的重量和体积，降低成本
  Lightweight, reducing equipment weight and volume and lowering costs.
- 易于安装，简单方便
  Easy to install, simple and convenient.



陶瓷耐磨板进烘干窑
Ceramic wear-resistant plates entering the drying kiln



烘干后的陶瓷耐磨板
Ceramic wear-resistant plates after drying





我公司耐磨板在某钢铁公司施工后的效果图
Effect after installation of our wear-resistant plates at a steel company

SHAPED PRODUCTS SERIES
定型系列

01 烧结机大烟道 PZS 耐磨喷涂料
PZS Wear-resistant Spray Coating for Sintering Machine Main Flue

适用于烧结机大烟道、风箱、弯头及极易磨损部位的内衬防护，可形成高硬度耐磨陶瓷保护层，有效抵抗含尘高速烟气冲刷和颗粒磨损。

Suitable for lining protection of sintering machine main flues, wind boxes, elbows, and other highly wear-prone areas. It forms a high-hardness wear-resistant ceramic protective layer, effectively resisting erosion from high-speed dust-laden flue gas and particle abrasion.

产品特点 Product Features

- 耐磨损、耐高温、抗侵蚀、结合强度高
  Wear-resistant, high-temperature resistant, erosion-resistant, and high bonding strength.
- 施工方便，附着牢固
  Easy to apply, with firm adhesion.
- 可减少烟道磨损、脱落和频繁检修问题
  It can reduce flue wear, coating detachment, and frequent maintenance issues.
- 延长设备使用寿命，提升烧结机系统稳定性
  Extends equipment service life and improves the stability of the sintering machine system.



风箱喷涂施工及养护
Blowpipe spraying construction and maintenance

郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

02 高强度陶瓷耐磨料
High-strength Ceramic Wear-resistant Material

适用范围 Application Scope

- 热风炉球顶、热风炉热风管道三岔口、热风炉热风出口、围管喇叭口新建制作及在线热修复
  New construction and online hot repair of hot blast stove domes, three-way junctions of hot blast pipelines, hot blast outlets, and bustle pipe bell mouths.
- 旋风除尘器工作层耐磨造衬
  Wear-resistant lining construction for the working layer of cyclone dust collectors.
- 渣处理系统：粒化塔、水渣沟耐磨造衬
  Slag treatment system: wear-resistant lining construction for granulation towers and slag-water channels.
- 烧结系统：机尾导料槽、主副排矿漏斗、风箱、变径管、弯管、竖管、环冷机、烟罩、大烟道
  Sintering system: tail discharge chutes, main and auxiliary ore discharge hoppers, wind boxes, reducer pipes, elbows, vertical pipes, circular coolers, smoke hoods, and main flues.
- 球团回转窑口，石灰窑竖窑下料口；原料系统：料仓、料斗
  Pellet rotary kiln mouths, discharge openings of lime shaft kilns; raw material systems: silos and hoppers.

产品特点 Product Features

- 强度高、耐磨性能好
  High strength and good wear resistance.
- 抗冲刷性能好
  Good erosion resistance.
- 热震稳定性好
  Good thermal shock stability.
- 整体性能好
  Good overall performance.
- 特殊部位特殊保温性能优
  Excellent insulation performance for special parts.



COMPANY QUALITY ASSURANCE SYSTEM
公司质量保证体系

生产工序
Production Process

12 道工序，22 道质量关口，设定重点工序管理点 12 个，专职质量管理人员 8 人。

The company has 12 production processes, 22 quality control checkpoints, 12 key process management points, and 8 full-time quality management personnel.

质量保证
Quality Assurance

我公司始终坚持以科技为先导，以质量、信誉求发展。先后以洛阳耐火材料研究院、武汉冶金建筑院、西安科技大学高温系等大专院校为依托，引进各种选取进技术六项，生产设备精良，产品质量稳定可靠，深受用户好评。在生产过程中按照 ISO9001 国际质量体系认证。程序严把质量关。严格按招标方提供的质量技术标准要求制作，并保证达到所设计使用年限。根据我公司为国内外大中型客户配套的耐火材料实际应用情况，我公司完全有能力有决心做好这批订单。

Our company has always adhered to the principle of taking science and technology as the guide and pursuing development through quality and reputation. Relying on Luoyang Institute of Refractories Research, Wuhan Metallurgical Construction Institute, Xi'an University of Science and Technology High-temperature Department, and other colleges and research institutes, we have introduced six advanced technologies. With excellent production equipment, our products are stable and reliable in quality and have been well received by users. During production, we strictly control quality in accordance with the ISO9001 international quality management system. We manufacture products strictly according to the quality and technical standards provided by the tendering party and ensure that they meet the designed service life. Based on the actual application of refractory materials supplied by our company to large and medium-sized customers at home and abroad, we are fully capable and determined to complete this order successfully.



郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

技术服务
Technical Services

根据客户需求，如需现场服务，我公司将在接到通知后24小时内派相关技术人员赶到现场，并服务到位。

According to customer requirements, if on-site service is needed, our company will dispatch relevant technical personnel to the site within 24 hours after receiving the notice and ensure that the service is properly provided.

交货期
delivery time

1. 严格按招标书的要求执行，保质保量、按时交货、确保工期。

1. We will strictly comply with the requirements of the tender documents, ensure quality and quantity, deliver on time, and guarantee the project schedule.

2. 发货前以传真方式通知贵项目部，产品发出后，以传真或网络方式及时通知贵部所发出货物名称、数量及详细信息。

2. Before shipment, we will notify your project department by fax. After the products are dispatched, we will promptly inform your department by fax or online communication of the names, quantities, and detailed information of the goods shipped.

3. 做好售前、售中、售后服务。

3. We will provide comprehensive pre-sales, in-sales, and after-sales services.



公司售后服务承诺及细则

为确保公司质量方针、质量目标的实现，我公司对所有使用本公司产品的顾客，提出以下服务承诺：

一、供货合同签订前，如实向顾客提供公司产品说明书及有关资料，并对每份合同认真进行评审，确保顾客的每项要求都得到落实，任何双方的不一致都得到圆满解决。

二、供货合同签订后，依据合同中服务的相关要求，迅速安排生产计划，及时与顾客沟通生产信息，接受顾客对生产质量的监督，如顾客要求调整生产及发货计划，千方百计保证满足。

三、对生产、发运过程进行有效的质量控制，确保交付顾客的产品质量100%合乎要求。

四、产品发出后，由业务员对产品的使用进行跟踪服务，及时了解顾客对产品的使用要求、改进意见，随时向公司有关部门反馈，公司以最快的速度进行改进，从而有效提高产品质量、服务质量，达到双方互利互惠。

五、根据顾客要求，以公司技术骨干为主要力量组成施工技术服务小组，准时到达服务地点，免费为顾客提供全方位现场服务。必要时，力所能及地提供施工机具。

六、双方及时沟通，确保按时交货。

郑州金利窑炉工程有限公司（巩义市金利炉料厂）
Zhengzhou Jinli Kiln Engineering Co., Ltd

COMPANY AFTER-SALES SERVICE COMMITMENTS AND RULES

To ensure the realization of the company's quality policy and quality objectives, our company makes the following service commitments to all customers using our products:

1. Before signing the supply contract, we will truthfully provide customers with product manuals and relevant materials, and carefully review each contract to ensure that every customer requirement is implemented and that any discrepancies between both parties are properly resolved.

2. After the supply contract is signed, we will promptly arrange the production plan according to the relevant service requirements in the contract, communicate production information with customers in a timely manner, and accept customers' supervision of production quality. If customers request adjustments to the production and delivery schedule, we will make every effort to meet their requirements.

3. We will carry out effective quality control during production and shipment to ensure that the quality of products delivered to customers fully meets requirements.

4. After the products are dispatched, sales personnel will provide follow-up service regarding product use, promptly understand customers' usage requirements and improvement suggestions, and report them to the relevant departments of the company at any time. The company will make improvements as quickly as possible, thereby effectively improving product quality and service quality and achieving mutual benefit for both parties.

5. According to customer requirements, the company will organize a construction technical service team mainly composed of key technical personnel, arrive at the service site on time, and provide customers with comprehensive on-site services free of charge. When necessary, we will provide construction tools and equipment within our capability.

6. Both parties shall communicate in a timely manner to ensure on-time delivery.