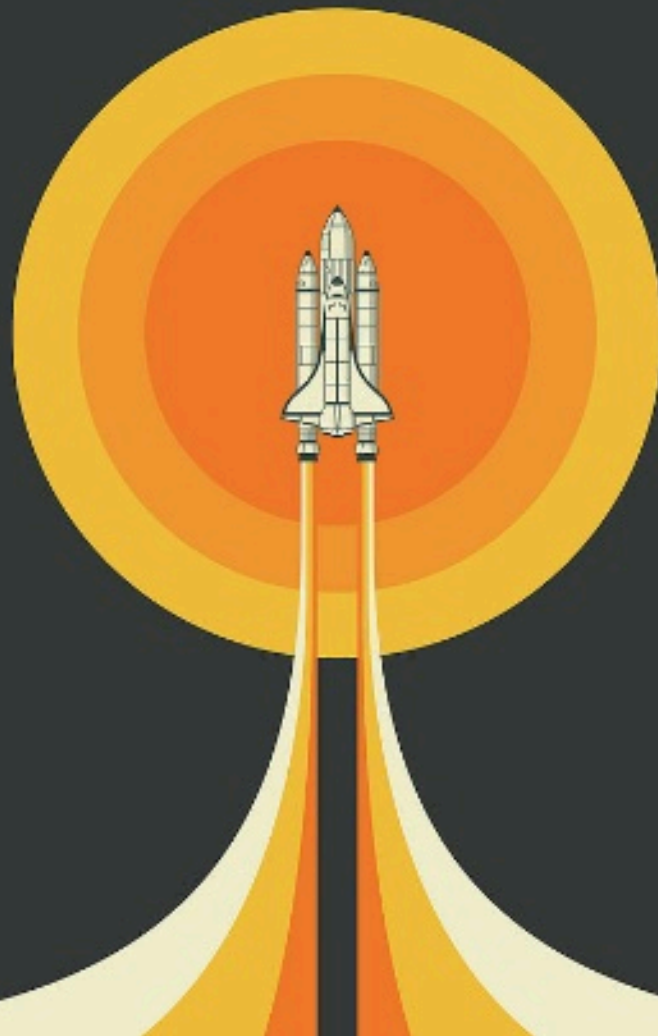




# LINTEC

REFRACTORY SOLUTION





## Who we are

---

LINTEC srl was founded in 2012 as an engineering and trading company of refractory materials, carrying out its activity in various industrial fields.

In 2014 the production of UHPC “**ULTRA HIGH PERFORMANCE CONCRETE**” began, known with CERACAST® brand.

These composite ceramic materials are appropriate to counteract the emerging abrasive phenomena in a wide range of temperatures during industrial processes of steel, lime & cement and aluminium.

In 2019 LINTEC started a monolithic refrac-

tory production project, thanks to the contribution of field professionals and making use of the possibility of accessing the most advanced technologies.

A modern production plant is in operation in the industrial area of Bergamo, following 4.0 guidelines with a production capacity of 30,000 tons / year.

The Company's offer is principally aimed at the Community market; however, it has already undertaken an international activity, achieving significant results in several non-EU countries.

## Production lines



- **LINTECAST** conventional dense refractory castables with medium and low concrete content.
- **LINTEFLOW** self-leveling dense refractory castables.
- **ZYPCAST** refractory castables without concrete, fast drying.
- **LINTEGUN** refractory castables throwable with a high pressure lance or trowel.
- **EASYWEIGHT & LINTELITE** insulating refractory castables.
- **SILVERQUICK** bi-component refractory castables with chemical binder.
- **LINTERAM** plastic with chemical and ceramic binder to be pestled on site.
- **LINTEPLAST & LINTEPATCH** modular plastic for repairs by hand or trowel.
- **LINTAL** refractory castables with anti-wetting agents for aluminium melting furnaces coating.
- **CERACAST** is a composite concrete based on nano elements offering a superior thermo-mechanical characteristics for the creation of coatings resistant to abrasion caused by powders and liquid metals.
- **LINTEBOND** ready-to-use refractory mortars in buckets for dense and insulating bricks.





## Research and development

R&D is a Lintec production activity milestone. In addition to the protocols and controls intended to ensure product quality, we maintain

relationships with major international organizations aiming at developing innovative and environmentally friendly products.

# Customer service and technical support



**LINTEC** technical staff is composed by personnel with multiple experiences in the refractory field and has the primary objective of satisfying customer needs with complete solutions, including:

- Engineering and drawings
- Technical update on new products and their applications
- Technical assistance for assembly
- Supervision of installation
- Scheduled inspections and analysis of the refractory during operation to assess its status and performance.
- Production of dried refractory prefabricated
- Production of special pieces fired at high temperatures





## ALUMINUM and NON-FERROUS FOUNDRIES



## STEEL INDUSTRY



## HEAT TREATMENT and ROLLING

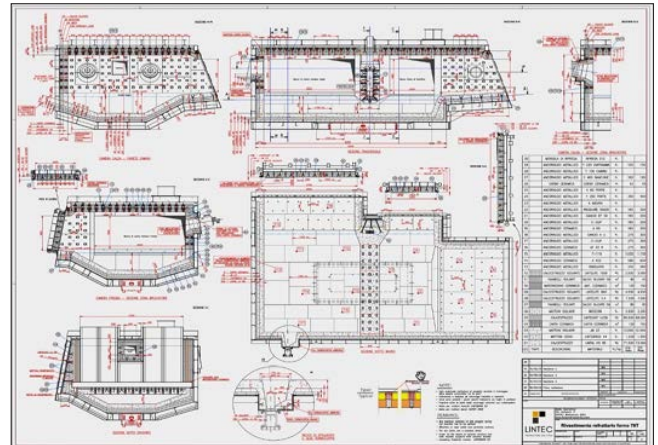
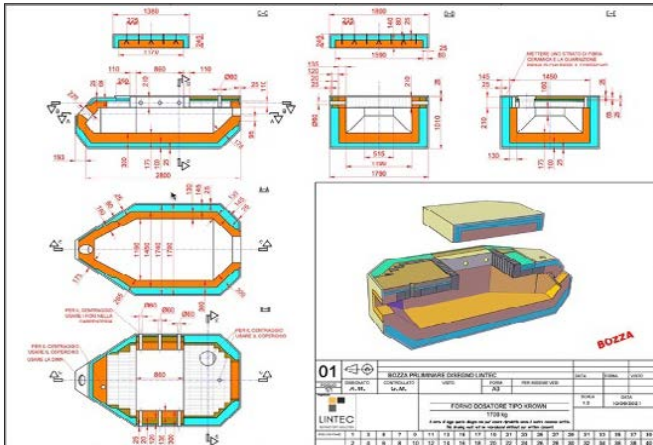


# Engineering and Designs

Lintec provides its design team to develop the most suitable solutions to meet customer requirements.

Our projects, with 2D and 3D drawings, include:

- THERMAL CALCULATIONS
- DETAILS OF REFRACTORY LININGS WITH ANCHORING SYSTEMS
- INSTALLATION PROCEDURES
- DRY-OUTS
- MAINTENANCE



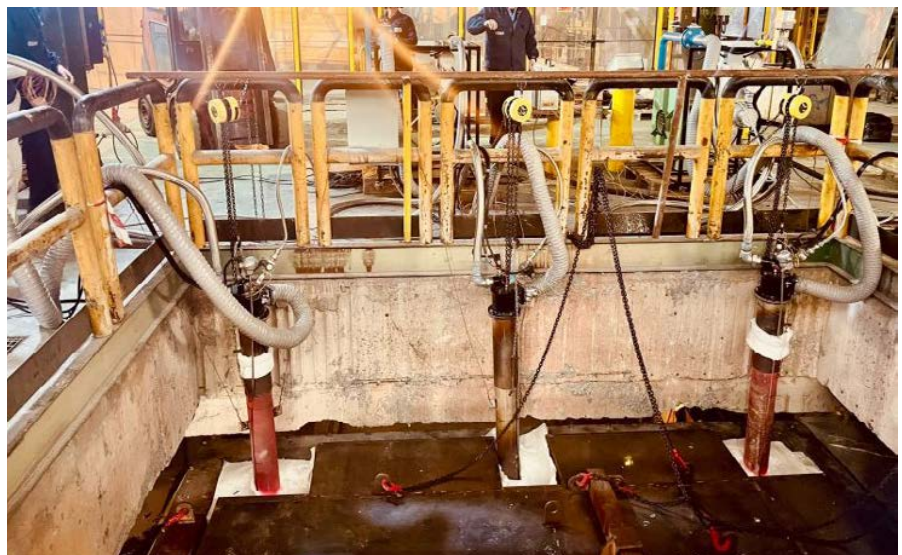
## Dry-Outs - Preheating

All monolithic refractories with hydraulic binders require the removal of mixing water, necessitating a dry-out process calculated based on the installed thickness, material type, and its density.

Lintec, in addition to providing a technical study of the most suitable drying curve, offers all

the necessary equipment and personnel to perform these activities safely for the end customer.

This process ensures that the installed refractory performs at its maximum technical and mechanical potential, enhancing its durability and performance.





# Special Productions



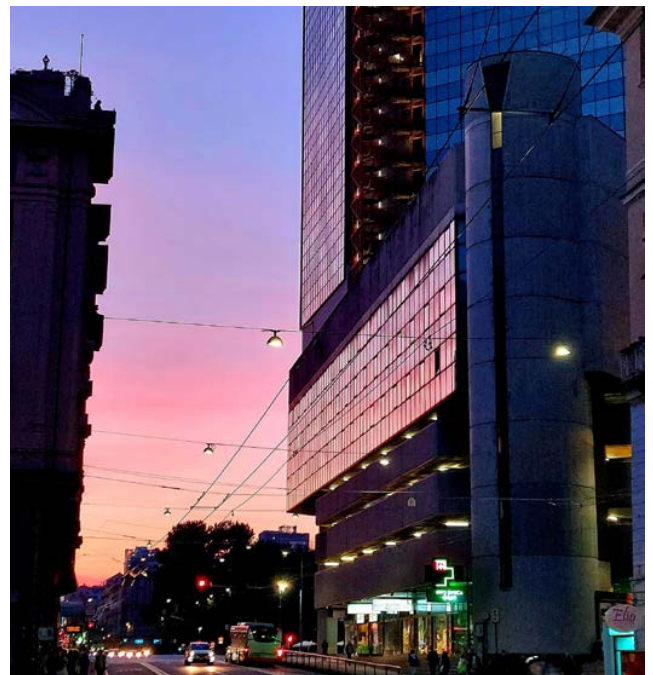
Thanks to its highly specialized technical staff, LINTEC also carries out refractory processes at its Bottanuco facility, ensuring precision in the installation of bricks, castings, and ceramic fibers.



# Genoa Office

In December 2023, to provide greater support and assistance to our customers, we inaugurated our new commercial office right in the heart of Genoa.

The office is located on the eighth floor of Tower B in the Corte Lambruschini complex, right in the city center and just a few meters from Brignole railway station.



# CERACAST™

---

Composite concretes based on nano elements offering greater thermo-mechanical characteristics for the creation of abrasion-resistant coatings.

They find a widespread application in the protective coating of smoke ducts in steel and cement industries with the aid of ex mesh metal mesh.

They are also used for the production of special pieces in the aluminium foundry field, such as cockpits, transfer and connection channels. In the case of channels for “turbulent” transfers with rapid and discontinuous flows of cast metal, for example transfer channels from a melting furnace to a holding furnace, LINTEC has developed a high-strength product called SYFLEX™ which, in addition to offering excellent resistance to abrasion and wear, it also maintains a clean and few wettable surface by cast metal.

This product finds its maximum use in degassing sprues because it provides the coating with excellent resistance to abrasion resulting from the turbulence caused by the rotational wetting movement during degassing. This product also provides high resistance to corrosive gases often used in these types of treatments.



**CERACAST**

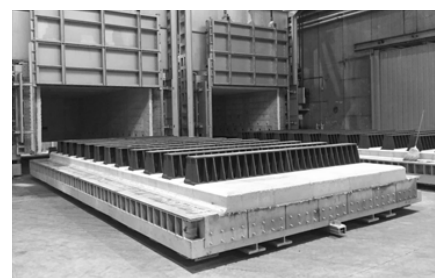
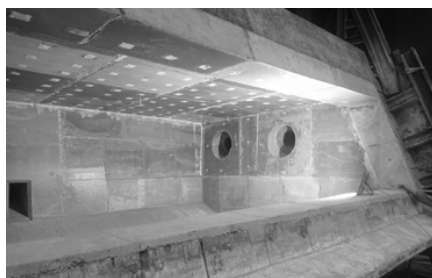
...when strength is the only option





Grafica e stampa: www.lintecrefractories.it

## Total Package of Refractory Materials, Engineering and Services



## LINTEC Refractory Solution

Lintec is leader in the design, engineering, manufacture and delivery of refractory products, systems and services for high-technology industrial applications. We supply refractory products and services to a wide range of industries and applications, focusing our resources to provide real solutions for specific industrial processing sectors, including:

- Ferrous & No Ferrous Foundry
- Cement & Lime
- Ceramics
- Chemical Processing
- Re heating Furnaces
- Incinerator
- Power Plant
- Waste-to-Energy
- Minerals & Pigment Processing
- Hydrocarbon Processing



# Where we are



Our production site is located within the industrial area of Bottanuco, a few kilometers from the A4 Capriate S.G motorway exit and 20 km from Orio al Serio airport.  
Easily reachable also from Milan LINATE international airport (40 km) through the new external ring road A58.

