

REFINING & PETROCHEMICALS

Refractory Concept Solutions

CALDERYS PERFORMANCE YOU CAN TRUST

- For all industries with extreme temperatures and working conditions, Caldersys is there for you. Combining a global network with local expertise, we offer customised solutions wherever you are: from monolithic refractory to bricks and precast shapes to a full range of engineering and installation services.

KEY POINTS

Over 100 years of refractory experience

Over 2 300 employees across 33 countries

19 plants in 16 countries totaling 600 000 tons capacity

Annual revenue of over € 500 million

1 Global Technology Centre and 15 Customisation Labs

150 major projects implemented every year

Wholly-owned subsidiary of Imerys Group





REFINING & PETROCHEMICALS

THE CALDERYS SERVICE OFFERING:

- Safety
- Product Selection
- Engineering

[Find Out More](#)

- Project Management ➤
- Installation ➤
- Site Management ➤




OUR VALUE FOR REFINING & PETROCHEMICALS

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CALDERYS is proud to partner with major global players in the hydrocarbon processing industry to provide high quality refractory products combined with customised end-to-end project services.
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CALDERYS provides refractory solutions for complete plants: Turnkey refractory projects from engineering to refractory installation. Our experts design tailor-made concepts for your needs, whether you are a licensor, EPC, OEM, or End User. Our services are focused on delivering results, both in optimising your plant performance and shortening downtime.



Project References

Calderys is a reliable choice for all your refractory needs. Ask us about our **project references** around the world in:

- 
Oil Refineries
 (from FCC units to tail gas incinerators)
- 
Natural Gas / LNG plants
 (including SRU and fired heaters)
- 
Petrochemical / Olefin plants
 (including ethylene / naphtha crackers)
- 
Fertilizer / Syngas plants
 (including primary & secondary reformers)

OUR SERVICES

Safety

To ensure safe execution of production, supply and installation, Calderys can provide you with all required documents and personal safety equipment, to execute a project in the safest possible way.



Product Selection

By carefully examining your equipment and processes, we will offer you a complete refractory solution from monolithic to insulating materials to anchors to customised precast pieces, and more.



Engineering

Using top-notch design and calculation processes, our global network of engineers works with you to determine the exact refractory lining specifications for your equipment.





Project Management

Whether you are building a completely new plant, adding a new equipment, or performing Turnaround maintenance, Calderys has experience and skills to manage your full refractory project end-to-end.



Installation

To ensure optimal performance for your refractory, Calderys provides full installation services through our certified installation teams, including safety officers and supervisors.



Site Management

To ensure optimal installed lining by your sub-contractor, Calderys can provide you with additional site advisory, site supervision or site management services.

REFRACTORY SOLUTIONS

Full refractory range

Calderys has a **complete range of refractory products** based on technological needs and customer preferences: from monolithics and insulating fire bricks (IFB) to insulating fibres and blankets, we have it all.

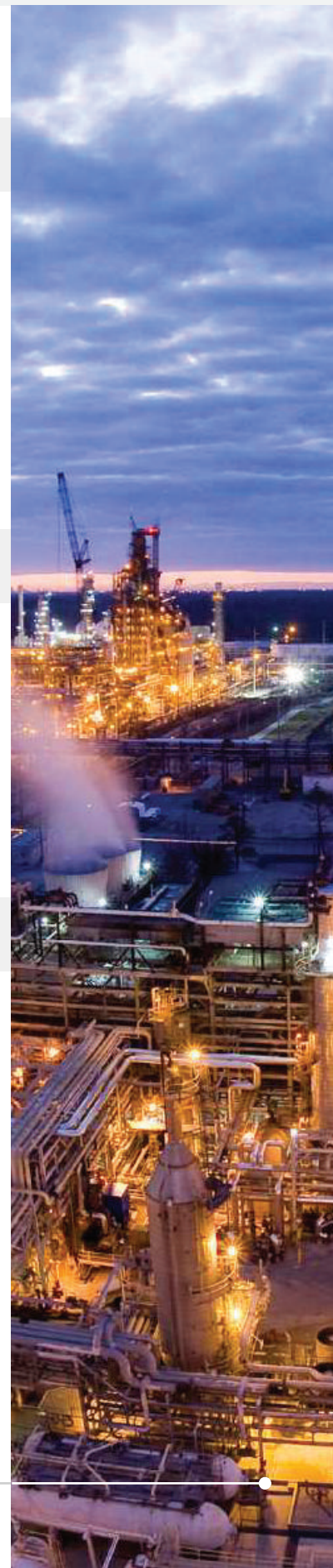
Light weight insulating products

CALDE® CAST XL and CALDE® GUN XL product lines are extra light weight products with very good insulating properties for **energy saving**.

Licensor-approved materials

New monolithic refractory materials which comply to licensors' heater specifications:

- CALDE® CAST XL 114 C/G
- CALDE® CAST LW 133 C/G
- CALDE® CAST LW 135 LI C/G
- CALDE® CAST LW 146 LI

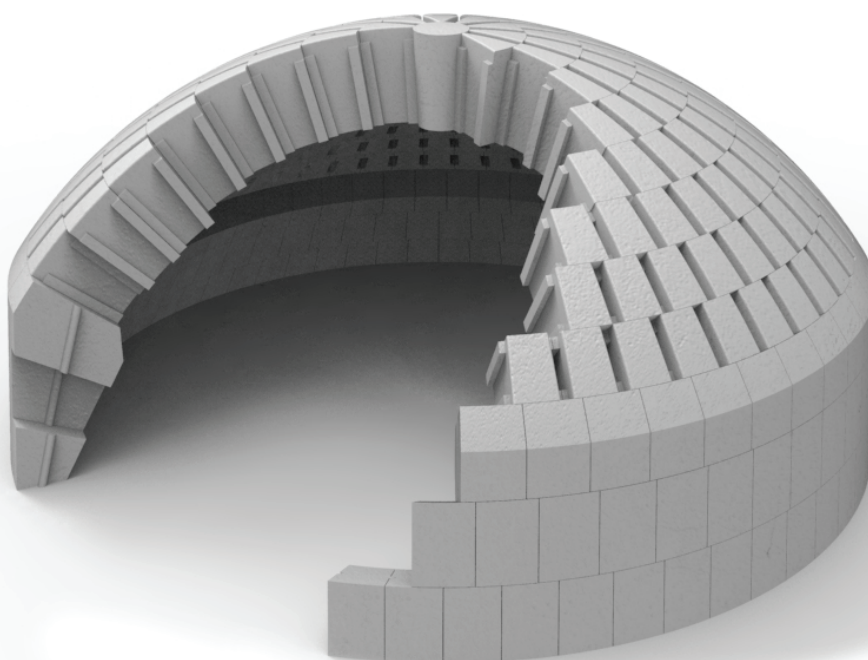


▣ Precast shapes

At Calderys, we are proud of our expertise in offering prefabricated shapes. We take our high-performing monolithic refractories and, following strictly the requirements of your equipment and processes, cast for you at our or your facilities in prefabricated pieces the exact refractory shapes you need.

Here are some examples from our global projects:

- ▣ For the support dome of the secondary reformer, our precast blocks have a much higher cold crushing strength than pressed bricks
- ▣ For the incineration section of the SRU, our precast burner blocks are trusted for their high thermal shock resistance





info@calderys.com

www.calderys.com

