

CERAMICS FOR WIRE GALVANISING

OUR RANGE OF HEATER IMMERSION TUBES



SAVE COSTS & ENERGY FOR A SUSTAINABLE FUTURE

At Saint-Gobain, our commitment to sustainability enables us to develop innovative, cost effective solutions that meet the challenge of protecting the environment.

From immersion tubes which deliver industry-leading performance, to unique anti-wear components, Saint-Gobain produces innovative ceramics for the most critical areas of the galvanising line.

BENEFITS



Less CO₂ emissions



Easy & fast installation



Powerful heating + energy-saving technology



Longer lifetime



CERAMICS FOR WIRE GALVANISING

Saint-Gobain Performance Ceramics & Refractories offers a unique solution for Wire Galvanising Lines. Heater tubes in non-ferrous metal hot-dip baths, for instance, are routinely fabricated using silicon carbide due to the ceramic's exceptional thermodynamic stability and chemical integrity. Cryston® Max immersion heaters are engineered for greater lifetime expectancies, reducing ongoing maintenance requirements to ultimately increase production output.



IMMERSION TUBE

The silicon carbide immersion tubes offer higher productivity at lower energy consumption.

Cryston® Max | Cryston® ISO | N-Durance®

Superior oxidation resistance

Life improvement

Fuel savings



Our products are available for both applications:
Electric & Gas firing



FLAME DIFFUSER

The „twisted tape“ design of the SpyroCor® flame diffuser insert provides improved convective heat transfer.

SpyroCor®

- Advanced silicon carbide microstructures provide high thermal conductivity and shock resistance
- Long service life
- High radiant output



WIRE GUIDE / SINKER STONE

Our wire guides and sinker stones supplement high-performance ceramic heaters to increase throughput and ensure greater productivity over time.

Cryston® Max | Cast Refrax®

- Longlasting due to exceptional wear resistance
- Custom-made designs

Leverage Our Expertise.

Saint-Gobain Performance Ceramics & Refractories engineers and researchers collaborate with you, our customers, to solve operational challenges with customized ceramic solutions for wire galvanising.

For more information:
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