

Innovative surface coatings : Sol-gel coating

Surfaces and painting engineering



A team of mechanics and chemistry experts to assist you in your product design and industrialisation process.

YOUR EXPECTATIONS

- You would like to enhance a surface property such as corrosion resistance, abrasion resistance, scratch resistance, ...
- You want new surface functionalities for your products : anti-seize, antibacterial, mark-free, hydrophobic properties, ...
- You want to innovate and implement new solutions in order to reduce your production costs,
- You need to consider substitutes in the scope of the Reach regulation

OUR SOLUTIONS

Cetim offers you a comprehensive service and supports you, from the definition of your specifications to the industrial application of your sol-gel process on your site:

- preliminary tests to prove the interest of the sol-gel coating
- study of possible solutions
- specific formulation in accordance with your criteria
- study of the environmental impact (REACH)
- selection of the application process (dip-coating, spraying, etc.)
- characterisation and qualification tests of functional properties
- production of a prototype or pilot prior to the industrial application phase
- audit of your industrial wet surface treatment line
- assistance during the industrial application phase, including training of your operators

YOUR BENEFITS

- Tailor-made assistance to optimise your processes, in accordance with the regulations in force and with total independence in terms of formulation
- Cetim's recognised experience in wet surface treatments and sol-gel coating
- Access to high-performance testing, characterisation and simulation equipment
- A reactive service which places a dedicated laboratory at your disposal
- Access to all the skills of our metallurgical engineering teams to optimise your products and processes

- Access to R&D work in this particular area
- An independent laboratory which is also a major player in various industrial sectors such as luxury goods, aviation, automobile, medical equipment, etc.
- Possibility of Research Tax Credit and industrial co-development



Question and Answer Service

Phone : +33 970 821 680

sqr@cetim.fr

www.cetim.fr

