

INNOVATIVE SURFACE COATINGS : SOL-GEL COATING



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
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