

# EXPERTISE IN SURFACE TREATMENT AND SURFACE COATING

Supporting you in the optimisation of your process



## Your expectations

In order to reduce your production costs, comply with customer specifications while at the same time adhering to health, safety and environmental standards, you would like to:

determine the best surface treatment or coating process

optimise your manufacturing parameters

study the investment of a treatment line

maintain or develop your skills

characterise your coatings and treatments

take into consideration substitution methods in connection with the Reach directive

You would like to develop new solutions

## Our solutions

Provide you with our expertise and test resources to support you in your optimisation approach

Use our pilot line for the development of electrolytic coating processes to test your solutions

Carry out measurements and specific analyses of the surfaces and in particular electrochemical measurements (polarisation curve, cyclic voltametrics, impedance measurement),

Validate the solutions via corrosion resistance tests (salt spray, climatic cycling) and/or process simulation (Castor Elec 3D)

Qualify the selected solutions

Carry out an audit or a check of your industrial wet surface treatment line

Train your operators in conducting baths

Coordinate R&D projects and industrialisation innovative solutions (sol-gel, ionic liquids)

## Your benefits



Recognised expertise in the field of wet surface treatment

Customised support in optimising your process in keeping with regulations

Access to efficient test, characterisation and simulation resources

A responsive service providing you with a dedicated laboratory

Access to the multidisciplinary skills of metallurgical teams to optimise your products and processes

Access to R&D work in this area

An independent laboratory and a major player in the aerospace, automobile, medical, energy, rail and naval sectors.



**Question and Answer Service**  
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