

# Surface Laser Treatment

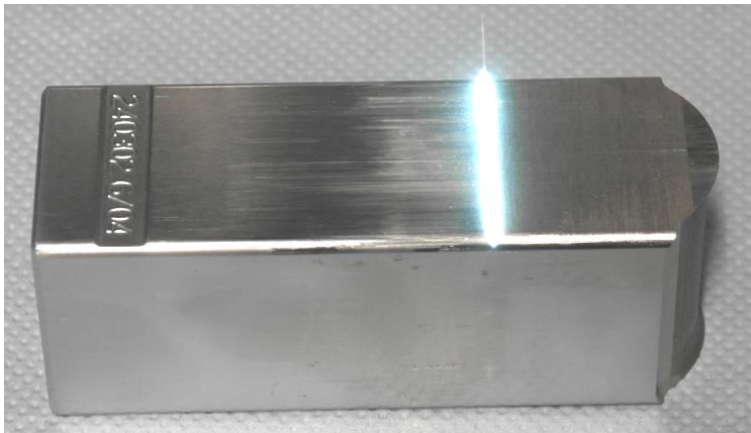


**INNOVENT**

Technology Development

Research Department:  
Primer and Chemical  
Surface Treatment

- cleaning
- chemical modification
- layer removal
- structuring
- silicatization
- selective
- clean
- economic
- energy-efficient
- gentle
- metal
- plastics
- silicone
- composites
- natural material



cleaning



selective removal of layers of a glass-fibre reinforced composite (grp)

Different effects are caused by surface laser treatment in dependence of material and process management.

It is possible to clean, devarnish, mark, structure, chemically modifying and also to activate the surface for better bonding of varnishes and adhesives.

Important for a good result of the treatment are the optimal parameters adjusted to the material and the aimed application.

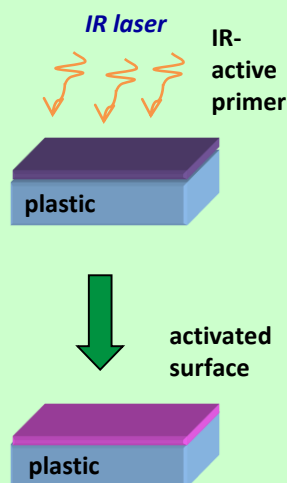
Our equipment comprises a high variable solid-state laser system for development and testing laser technology methods to modifying different surfaces.

## Our range of services:

- consulting on surface modification by laser radiation
- process development and parameter optimization
- feasibility study about surface treatment
- laboratory tests and treatment of pattern parts

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example:  
anchoring an  
adhesion promoter  
on colorless plastic  
by laser radiation



plastics= e. g.  
PP, PE, POM  
EPDM, silicone, . .