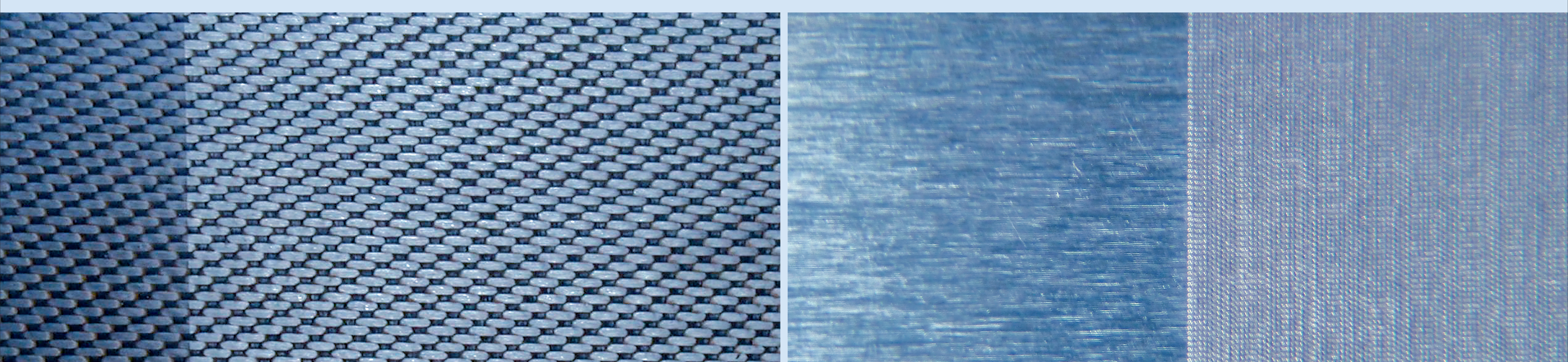


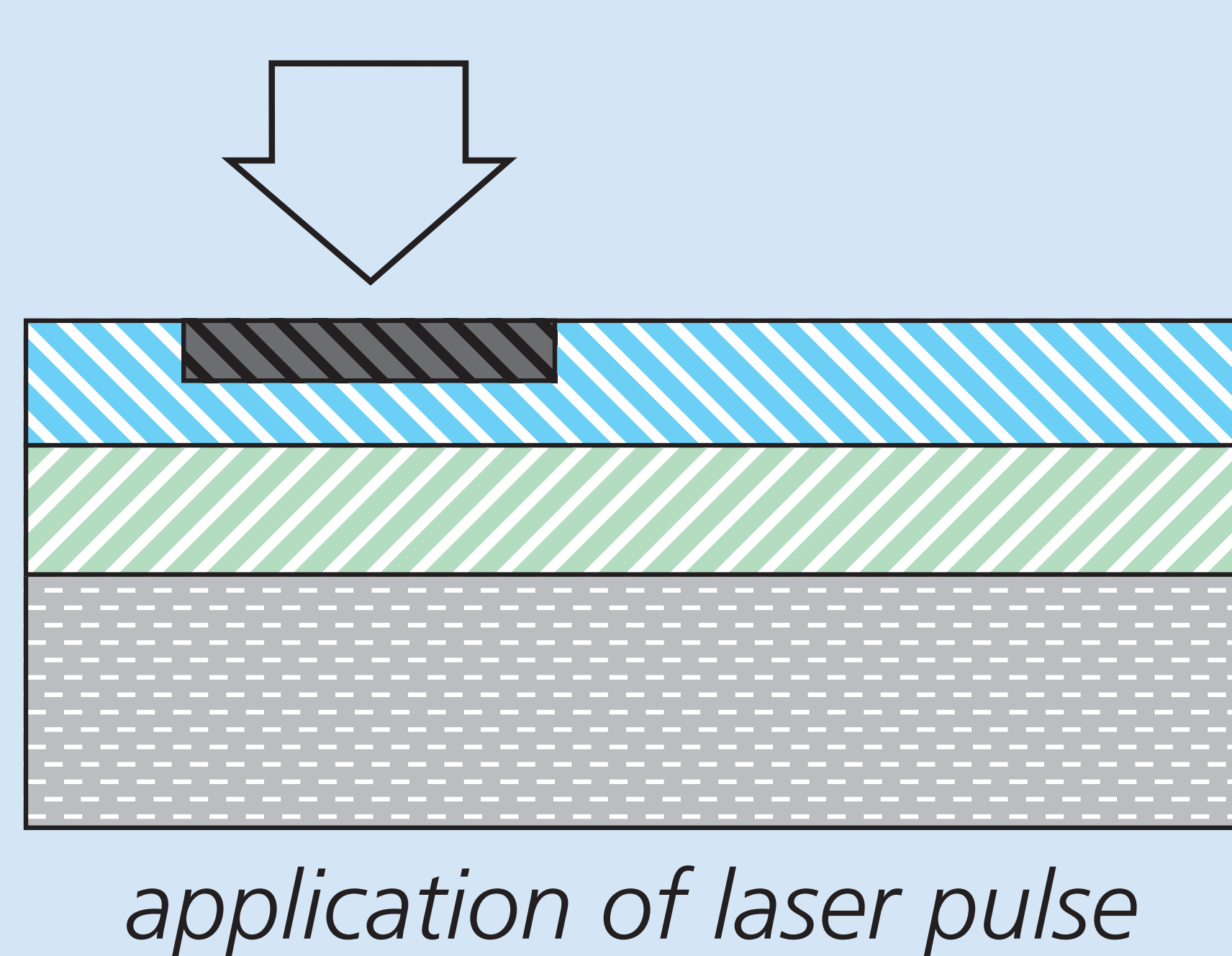
# Laser *Surface Preparation* for *gluing & welding*

The SLCR laser process is designed to gently clean surfaces of various materials to remove contamination, oxides or roughen and structure the surface for bonding processes as gluing or welding. It is used on metals, plastics or composites.



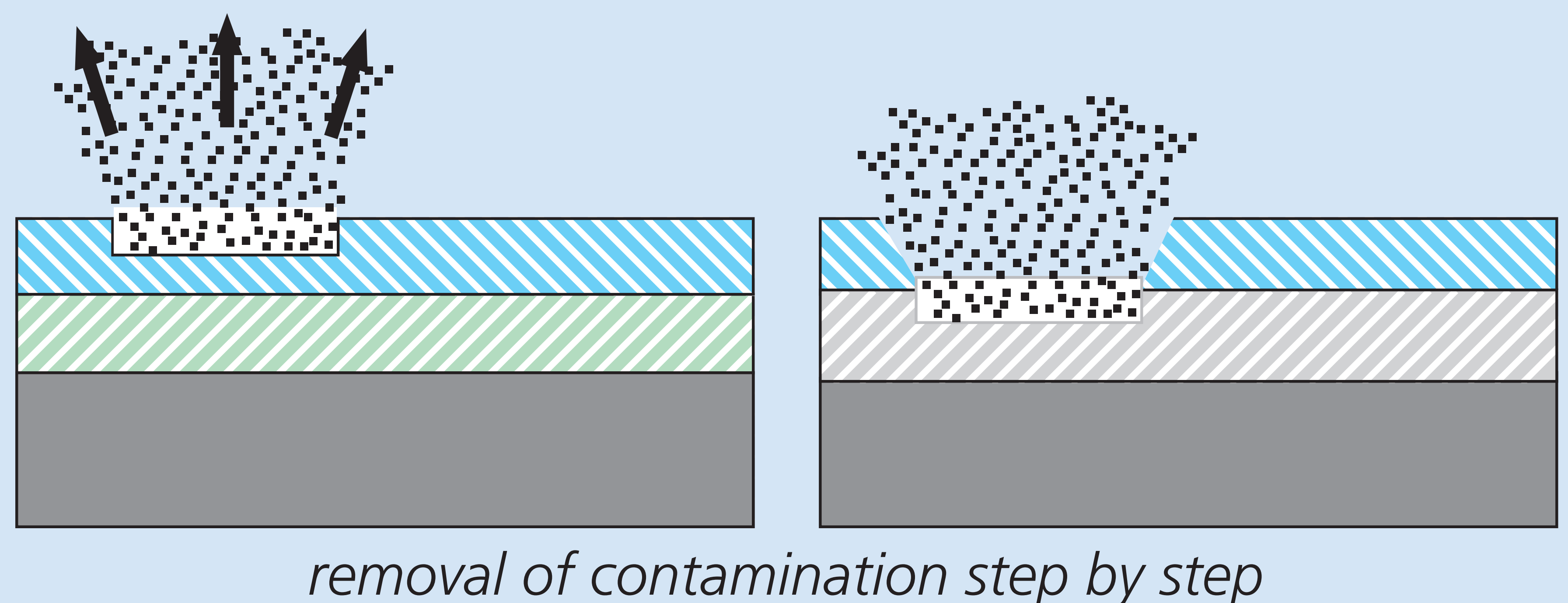
## The task

cleaning or removal of oxides – and activation as bonding preparation on metals or composites



## The solution

automated laser surface cleaning for controlled preparation of surfaces for gluing & welding



**The SLCR** Laser Surface Preparation is characterized as a laser based process:

- ◆ removal of contamination in a controlled automated process
- ◆ touch free application, no mechanical force is applied to the material
- ◆ precise treatment with highest accuracy (depth and location) < 10 µm
- ◆ clean, dry and dust-free application
- ◆ reliable tool with little maintenance requirements

## Your advantages

- ◆ easy to integrate in existing production processes
- ◆ applicable to complexe 3D structures
- ◆ environmentally and user friendly
- ◆ very low operating costs