

# AN EFFICIENT AND ECO-RESPONSIBLE BONDING PROCESS

**Atmospheric plasma industrial equipment for surface preparation**

**For all industrial sectors**

**Preparation before gluing:  
Innovative high performance plasma solutions, Automatable and eco-responsible  
Worldwide customer support**

## CONTACT

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AcXys Technologies and the Irish company PlasmaBound have jointly developed “an innovative surface preparation process for use before the industrial bonding of any composite parts; for example, vehicle body parts (tailgates), structural parts etc” explains Thierry Sindzingre (AcXys Technologies) and Xavier Montibert (PlasmaBound).

They added that, “this plasma process allows the dry ablation of thermoplastic resins and is ideal for a variety of applications, from surface preparation before gluing, printing, varnishing, priming, painting etc, to treatments before the application of finishes including many kinds of thin layer depositions etc.”

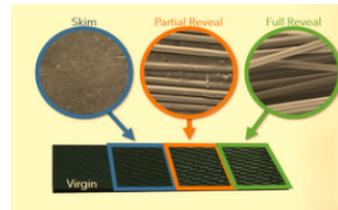
## FULL LINE INTEGRATION

Easily automatable, atmospheric plasma technology allows the implementation of “manufacturing processes that are not only effective (e.g., high tear resistance), reliable, fast and economic but also clean and eco-responsible”.

Global suppliers of surface treatment solutions to the biggest



**ULS 3 torch ablation of composite fibre sheet and robotised ablation of composite tube.**



**Ablation results as seen under a microscope.**

names in industry, Acxys Technologies and PlasmaBound offer a complete range of ULS (spot), ULD (plasma curtain for large areas and complex shapes) and ULCoat modules (thin film deposition), all of which can be fully integrated into production lines, as well as the SmartDrop range of test inks.

AcXys Technologies and PlasmaBound offer worldwide customer support, from process development to equipment commissioning, after sales service etc. ■

Present at JEC World, from 25 to 27 April 2023, Paris-Nord Villepinte, (hall 5, stand N80)