

Research platform for mechanical connections and joining techniques.

JOINING & MATERIALS LAB



TECHNICAL SPECIFICATIONS

Climatised production environment

Dimensions	5 x 5 x 3m
Temperature	10°C to 40°C
Relative humidity	10% to 85%

Industrial automation

ABB IRB4600 industrial robot	payload 60kg
Yaskawa HC10 co-robot	payload 10kg

Surface treating

Ultrasonic cleaning	
Plasma activation	400W
Laser cleaning & roughening	20W
Abrasive blasting	



Mixing & dosing equipment

- SCA 80cm³/min industrial applicators
- Delta Application Technics flexible system
- 1C or 2C adhesives up to 600Pa.s.
- Application sizes: 290 ml up to 20 l

