



The product

Collano® Silane Hybrid Adhesives Extremely strong yet elastic

Collano's reactive silane hybrid adhesives combine the special properties of silane-based adhesives and high-performance 2C PUR or epoxy adhesives in one product. It fulfills the stringent requirements imposed by vehicle and metal fabricators on heavily stressed connections in load-bearing components: it creates a strong but elastic bond, is resistant to impact and vibrations, has noise-abating properties, and resists weathering.

Safety

- Crash-resistant: high energy absorption upon impact
- High-strength elastic adhesive bond
- Good impact and vibration resistance
- Good water, UV, and weathering resistance
- Good resistance to capillary ingress of water
- Reduced stresses in case of thermal expansion

Aesthetics

- Bonding is aesthetically preferable over mechanical joining methods

Comfort

- Noise abatement: Reduces sound level in passenger compartments

Cost-effectiveness

- Bonding is more economical than many mechanical joining methods
- Component strength can be optimized (not dependent on joining methods such as riveting or welding)

Versatility

- Broad range of materials (aluminium, stainless steel, FRP, various plastics)
- Lightweight construction made possible by bonding incompatible materials (example: high-strength elastic bond between FRP and aluminium)



Broad range of applications

- Special applications in the transport industry (rolling stock, truck and trailer superstructures)
- Sandwich and box elements for containers (aluminium, FRP, stainless steel)
- Solar cells
- Metalwork and sheet metal processing
- Crash design (vehicles, mobile modules)
- Shipbuilding
- Doors and gates in tunnel engineering

Products

Collano A8 4810
Collano A8 6400
Collano RS 8500
Collano RS 8505
Collano RS 8507
2C reactive system

Technical data sheets

Continuously updated and immediately obtainable from:
www.collano.com

Contact

Phone +41 41 469 91 11, Fax +41 41 469 91 12
industry@collano.com

Collano Adhesives AG, CH-6203 Sempach-Station
Switzerland, Phone +41 41 469 91 11, Fax +41 41 469 91 12
collano@collano.com, www.collano.com