

Collano®



Smart bonding.

Powerful or ecological?  
Both and more.



# More know-how, more service, more performance.

Collano has decades of experience in the development of innovative specialty adhesives for a wide range of industrial and commercial applications. Competent experts guarantee sound advice and let you benefit from our in-depth knowledge and experience. More service and more performance give you genuine added value and offer you the assurance of having the optimized solution for every given application.

**Soft foams are deployed in numerous applications where comfort is critical. This applies to office chairs; to seats in automobiles, railcars, and aircraft; to easy chairs, sofas, or different types of mattresses – in all these cases, foams provide soft but firm comfort. Conversely, hard high-density foams have become indispensable insulation materials in the building industry. Finally, technical foams are used as sound insulation for machines and equipment, in packaging, sports mats, shoe insoles, etc.**

Foams can neither be sewn, riveted, nor nailed so our innovative adhesives are the perfect way to bond them to one another or to other materials. Depending on the intended purpose and on design considerations diverse requirements can be imposed on such bonds. In most cases, the chosen adhesive must be compatible not only with the foams but also with production processes. Collano's foam adhesives address all of these constraints. They bond foams with rigid materials such as wood, metal or plastic as well as with soft and flexible substrates including textiles, leathers, nonwovens, and other foam types.

Depending on the application, specific characteristics such as heat resistance or spray patterns can be adjusted with great precision. Collano's experienced specialists are competent advisors when developing innovative solutions in the realm of foams.

#### **Adhesive joints that are neither visible nor palpable.**

Our high-tech adhesives are formulated in such a way that they preserve and in some instances even enhance the positive properties of the foam. For example, the comfort of seats and mattresses is often improved by the fact that the adhesive remains soft and is thus not felt. Flame retardant adhesives also improve the level of safety in aircraft, trains, and ships. Others lose their colour after bonding, so that foams can be covered with bright or thin fabrics.



Adhesive joints that remain soft enhance seating comfort.



Flame-retardant adhesives contribute to safety aboard aircraft.



Stressless by Ekornes

Thanks to our adhesives, leather can be shaped in any desired form.

### **Solvent-free contact adhesives.**

Water-based, solvent-free 1C and 2C contact adhesives rank among the highlights of our research efforts. They contain no volatile organic compounds (VOCs), yet with respect to adhesion and thermal resistance, they easily perform just as well as conventional solvent-based adhesives. Some of these innovative adhesives can be reactivated by heat after drying, making it possible to conveniently adjust and correct bonds later. In some cases, the consumption of adhesive can be perceptibly reduced because their higher solids content allows a finer spray mist. Suppliers of soft interiors for the transportation industry as well as producers of mattresses, seats, and upholstered furniture are placing ever greater emphasis on environmentally friendly, solvent-free products.

### **New approaches for new applications.**

Collano offers a broad spectrum of ecologically sound adhesives of superb quality and can deliver the right product for any application. We also develop totally new solutions in cooperation with our customers. In this context, we can rely on many different adhesive technologies such as dispersion and hot melt adhesives, adhesive films, water-based contact adhesives or reactive systems. You can rely on us to help you find ways of simplifying and optimizing processes as well as streamlining production.

We look forward to acquainting you with new ideas. Contact us if you have questions concerning our innovative foam adhesives. Our answers will convince you.

Collano – Your partner for smart bonding.



Interior trim and cockpit elements in PC-12 aircraft are bonded with our VOC-free contact adhesive.



Collano dispersion and hot melt adhesives eliminate annoying squeaking effects in mattresses.

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