

Paddlewheel steamer «Gallia»

Seaworthy, weather-resistant bonding

Ship renovation

Peter Hüsler, head of the carpentry owned by the Lake Lucerne Navigation Company (SGV) and a steamboat captain himself, has relied exclusively on Collano for many years. When it comes to successful ship renovations, Collano's innovative adhesives literally make everything stick. This is essential in marine applications where materials are exposed to significant stress profiles. The selected adhesive solution must withstand water, heat, as well as static and dynamic stress. UV resistance can be crucial, too. SGV in Lucerne not only maintains historical steamboats but also a fleet of 15 motor vessels.



Seaworthy, well-behaved, unique

The proven Semparoc 1K polyurethane adhesives are ideal for resistance to all atmospheric conditions. Collano Semparoc 400 is used, for example, to glue the layers of the curved outdoor benches or the rounded stringers of the central ship staircase. Molding operations for such sophisticated components are only possible with long open times. The fast-curing Collano Semparoc Rapid V is ideal for swift post-processing of workpieces without compromising the adhesive strength or durability of the bond. In spring and fall, the entire interior is exposed to elevated humidity. This is where the Collano Aqualine F 87 dispersion adhesive is deployed, with a hardener where necessary. And when SGV is not sure which adhesive is best for a given application, the technicians confidently use the universal Collano A 1970 assembly adhesive.



The steamship captain is a true Collano fan: «When we're up against a big problem, we use Collano A 1970», says Peter Hüsler. «It's a winner.»

Collano – Innovation in Adhesives

Collano is an internationally active innovation company establishing new benchmarks for bonding with specialized adhesives systems. With its headquarters in Switzerland and subsidiaries in Germany, France and the United States, Collano generates revenues of CHF 100 million and employs over 300 people.

Technical data in brief

Project:	Renovation of paddle wheel steamer «Gallia»
Year of construction:	1913, Renovation 2001–2004
Application:	Boat interior and deck
Country:	Switzerland
Products:	Collano Semparoc, Collano Aqualine F 87 and Collano A 1970
Characteristics:	Water- and weather-resistant bonding