



Photo courtesy of ANAVON Ski AG

Reliable bonds on snow.

Project:

New standards in ski manufacturing

Year of execution

2023–2024

Application:

Multimaterial laminate

Customer:

ANAVON Ski AG, 7205 Zizers, Switzerland

Product:

Collano T26.5000

Characteristics:

Fiber-reinforced adhesive film with high adhesion to various materials. The adhesive film is extremely thin, ultra-light, and incredibly strong.

Website

anavon-ski.com

At the heart of this development stands a fiber-reinforced adhesive film. It replaces traditional bonding methods in ski manufacturing and enables materials to be combined in new ways.

How Collano and ANAVON are setting new standards in ski manufacturing

The requirements for modern skis are high. They must respond precisely, remain safe even at high speeds, and be comfortable to ride. For manufacturers, this means combining different materials such as aluminium, wood, fibers, and plastics in such a way that they work together to deliver exactly that.

A new approach to ski construction

When ANAVON gets down to work, materials, craftsmanship, passion, and innovative spirit play a central role. The result is ANAVON skis that take performance and design to a whole new level. Working closely with Collano, a new generation of sporty skis has been created. The new ARX and ARX Pro ski models demonstrate the potential of this combination. Collano's adhesive film improves the stiffness of the ski and enables a sporty riding style without increasing weight or compromising riding comfort. For ANAVON, this is not just a technical solution, but part of the brand: the best materials, the utmost care, Swiss precision.

collano.com/en/references ↗

Reliable bonds on snow.

Tradition meets progress

At the heart of this development stands is a fiber-reinforced adhesive film. It replaces traditional bonding methods and enables materials to be combined in new ways. The adhesive film was not created on the drawing board. It is based on years of experience with high-performance applications. What has proven itself in sailing and industry has been transferred to ski construction and further developed in collaboration with ANAVON. The exchange between development teams was central to this process

Sustainable and innovative

The fiber-reinforced adhesive film deliberately avoids the use of epoxy resins. Instead, novel polymers and high-performance fibers are used, which can be tailored. The fiber-reinforced adhesive films are dry and storage-stable at room temperature, making them reliable to use in processes. For ANAVON, this means maximum control over the construction of the skis. For Collano, it is another example of how an idea can be turned into a reliable bond.

“

Our aim in this project was not just to create better skis, but to redefine the very process of how they are made. Instead of relying on an abundance of materials, we focused on mastering the art of bonding. With ANAVON, we discovered a partner who shares this vision.

Raphael Schaller, CTO Collano



What has proven itself in sailing and industry has been transferred to ski construction and further developed in collaboration with ANAVON.