



Case Study

Collano bonds the fastest performance bodyboard in the world

ISPO 2004 Brand New Boardsport Award winner

After extensive research and development Force Industries P/L Australia has designed a bodyboard with superior performance and a revolutionary patented manufacturing technology.

Collano thermoplastic adhesive film is a key element in the new compression moulded bonding technology that has mechanised the manufacturing process for bodyboards. The polyethylene-vinyl acetate based adhesive film provides the perfect combination of flexural properties and structural integrity at the fusion bond line between the EPP foam core, CO-EX PBT base skin and the PE crosslinked foam top skin.

Performance and production advantages

The new patented FORCE compression moulding process utilising Collano adhesive film has reduced the old labour intensive hand laminated bodyboard manufacturing process by 75%. The superior fusion bond between materials reduces thermal and flexural distortion in the sun and warm water while increasing the responsiveness and shape memory for explosive rider performance.

Collano – your partner for smart bonding.

Collano Adhesives: Innovative specialty adhesives for applications in Construction, Composites, Label/Tape/Packaging, Protective Adhesive Systems, Technical Textiles, Apparel, and Foams. Collano Adhesives belongs to the Collano Group which employs 344 persons around the world and generates sales of CHF 131 million.



The Collano 20.500 adhesive film creates superior structural integrity and flexural performance in bodyboards.

Technical data in brief

Project:	New manufacturing process for bodyboards
Year:	2004
Country:	Australia
Product:	Collano 20.500
Characteristics:	Sun- and warm sea water-resistant bonding