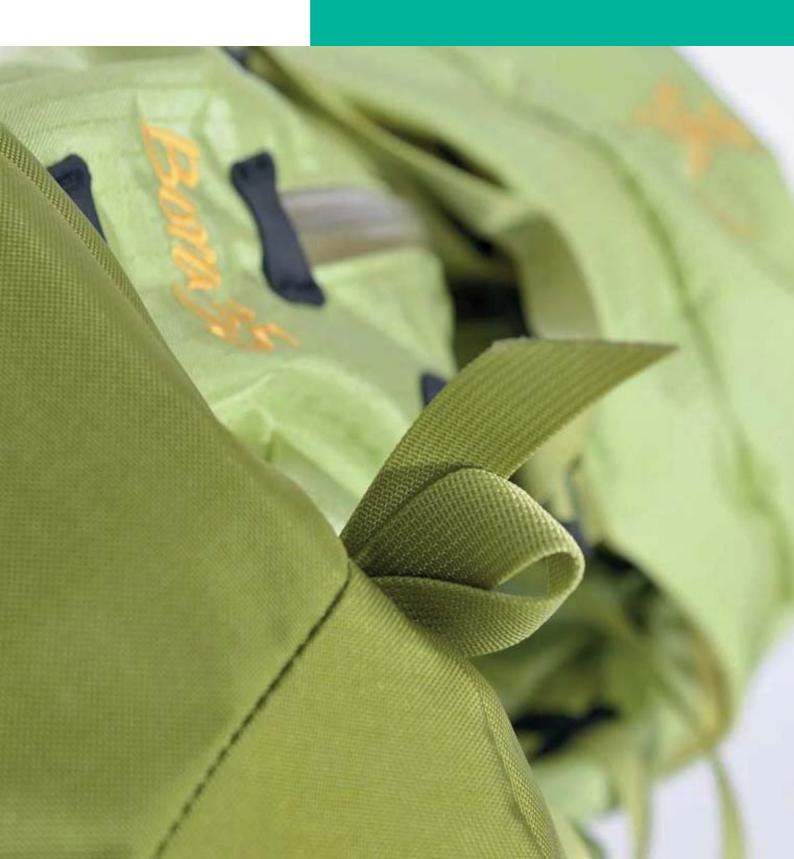


## ASSEMBLY

# Waterproof or rugged? Both and more.



Everad 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.

More know-how, more service, more performance.

Everad specialises in complex assemblies. As a multitechnology bonding specialist, our commercial and development teams focus on bonds reputed for their complexity or difficulty.

This is the case of the highly challenging assemblies encountered in the field of transport, paper/cardboard/film laminate applications and technical textiles. These assemblies generally have high added value and have, over time, become increasingly complex as manufacturers look to join widely differing materials. Bond requirements will depend on the process and the final application. Everad adhesives fulfil these conditions perfectly.

The components processed in the road, rail, sea and air transport industries have to withstand very high stresses and pressure. To bond correctly, their interfaces must fulfil a very wide spectrum of requirements. The bonds must be strong while remaining elastic. They must withstand vibration and impacts. They must insulate against noise and be waterproof. Such applications frequently call for one- or two-component reactive systems.

Fire protection is a permanent concern in today's world. There are not only more and more regulations, but they are getting stricter too. This is why the issue of fire protection is now designed into means of transport. Everad flame-retardant adhesives stick a vast number of materials and improve the behaviour of bonded complexes.

Depending on exact requirements, specific characteristics such as resistance to cold, heat, fire, weight or flexibility constraints or their application conditions can be accurately adjusted. Everad's skilled technicians provide innovative joining solutions.



The design of modern means of transport calls for joints that are extremely resistant and elastic.



The interiors are fitted out with partitions made from sandwich or honeycomb panels to reduce weight.



#### Sticking what in theory cannot be stuck!

Some materials are extremely difficult to bond, and yet are designed for end products which must be able to withstand high levels of stress and strain. Everad has the multi-technological skill and standards required to find the solution.

A perfect example is the neoprene-to-neoprene bonding of inflatable boats that must withstand attack from water, high and low temperatures, permanent pressure and the constraints of the weight transported and speed. It's a lot to ask of an adhesive. However, Everad has developed a product and a process to meet these specifications.

#### Tailored solutions to optimise your production process

Everad has a range of speciality adhesives for specific, value-added paper/card/film applications. Our adhesives are used in the lamination of products designed for the packaging, point-of-sale advertising and related industries.

### **Protective textiles**

The development of new textile materials required to keep up with the ever-changing demands of the fashion industry sets increasingly complex challenges. The bonding solution must be soft to the touch, elastic, water-resistant, capable of withstanding frequent washing or dry cleaning – all without yellowing or becoming brittle.

Everad has developed suitable textile adhesives to meet these constraints that can be adapted to your application process.

These adhesives are used in clothing production (fashion garments, protective outfits for the police, firefighters and the chemical industry, zip fastener bonding, flocking, and the bonding of crests and labels) as well as the manufacture of sun blinds and various textile lamination operations.

The Everad range comprises a wide choice of quality, ecofriendly adhesives and products suited to every application. We also develop new solutions together with you. We have a wide variety of technologies at our disposal for this purpose – water-based adhesives, reactive systems, hot-melt adhesives, heat-sealing films, and new-generation solvent-based adhesives. Together, we shall find ways of simplifying operations to optimise your processes and boost your production.



The bonding of semi-rigid boats calls for a high-performance Everad adhesive.



Water-based adhesives and heat-sealing films are used for high-speed lamination.



Heat-sealing films offer flexibility and durability.



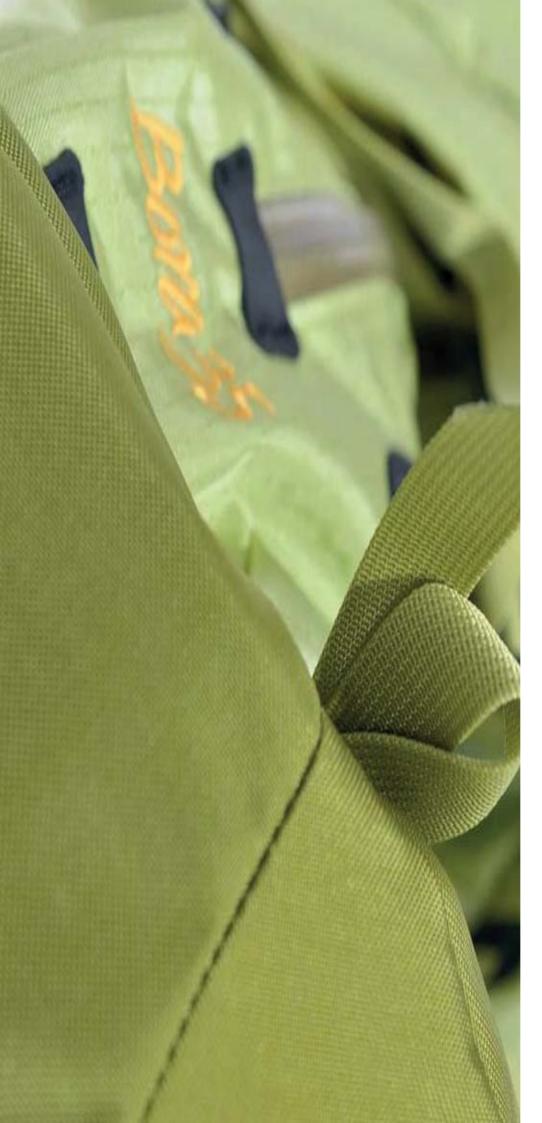
Films developed for flocking.

We look forward to acquainting you with new ideas.

Contact us if you have questions concerning our innovative assembly adhesives.

Our answers will convince you.

**Everad, Sticking ideas.** 





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