Improve your product with industrial bonding solutions
From diapers to jumbo jets, packaging to electronics

Adhesive solutions for every application

As one of the world’s largest manufacturers of adhesives, we offer an extensive product portfolio to bring you the most suitable solutions for your specific applications and markets. No matter what you manufacture, if bonding is an option we can provide you with a standard or specially developed solution to fit your individual production processes. In fact, our target is that 10% of our business is derived from new products, which is why we focus so heavily on product development.

At Bostik, we treat every project as a new challenge. That means we make sure we have a thorough understanding of your needs as they relate to materials and quality demands, as well as to any technical, commercial and environmental issues. Decades of continuous advancement have resulted in a wide variety of innovative products and applications, and at Bostik our involvement means not only helping you find the right Bostik product, but also providing knowledge for achieving the best possible result.

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Bostik innovation strategy

DEVELOP FUNCTIONAL IMPROVEMENTS:
  e.g. better sustainability, better soundproofing, better efficiency, better sealing

DEVELOP NEW USES:
  e.g. replacing traditional mechanical assemblies with more sustainable, cost-effective and eco-friendly solutions

IMPACT ON HEALTH AND THE ENVIRONMENT:
  e.g. better ergonomics, more eco-friendly ingredients, reduce use of non-renewable resources, improve recycling and proactively promote technologies that are safer to use and won’t endanger people or the environment.
Transportation industry

Moving faster and safer

Bostik has long been serving the automotive and transportation industry with manufacturing solutions for aircraft, railway vehicles, cars, buses, trucks, trailers, caravans, construction equipment and more. The group offers a very broad range of adhesives and sealants for all stages of vehicle production, component manufacture, assembly and aftercare. Our adhesives, lead by the Simson brand, satisfy the demands of automotive manufacturers for elasticity, torsional stiffness, temperature and weather resistance, adhesion to dissimilar materials and minimal surface preparation.

CONSTRUCTION ADHESIVES For applications such as exterior cladding, floor slabs, front and rear components, sandwich panels for vehicle chassis, roof/wall bondings, doors, valves and exterior finishing. Elastosols, rubber-based anti-floater/adhesive/sealant for carbody structures, etc.

SEALANTS For exterior claddings, front and rear components, roof/wall joints, doors, valves and exterior finishing (profiles) etc.

WINDSCREEN ADHESIVES Our adhesives live up to the tough challenge of being able to withstand high loads soon after bonding is completed, meeting the strictest applicable standards such as US-standard FMVSS 212 for crash tests.

PANEL ADHESIVES Our Marocol product range with 2-component PU-adhesives is ideal for sandwich panels containing several different materials. These adhesives provide resistance to low temperatures and secure good curing with large, non-porous surfaces.

FLOOR COATINGS Introduced over 30 years ago, our Marothaan product range was the world’s first wear-resistant, seamlessly applied floor coating system for trailers and other vehicles. Still light years ahead of competition, Marothaan offers low rolling resistance, is highly chemical-resistant and meets requirements for food transport. It is also approved under the PIEK-legislation for low noise during loading and unloading.

INTERIOR BONDINGS We offer several high-strength adhesives that ensure that the bonding of floor mats and the upholstery in vehicles remains in place even in corners and curvatures. These range from contact and dispersion adhesives to our latest innovations within HMPSA-adhesives.

In addition to the above products Bostik also offers a wide range of butyl sealants and profiles, gasketing adhesives, UV-cured tapes, web-adhesives, PU-hot melt, HMPSA’s and water-based adhesives for the transportation industry. Whatever you need to bond, there’s a Bostik product to make it stick.

Thinking, acting and living green.

The use of adhesives instead of mechanical fasteners enables increased use of plastics and composites, which results in considerable weight reduction in vehicles. Less material needed reduces CO₂ emissions through less freight and production. Our Life Cycle Assessment is central to all our processes for minimising environmental impact.

Green ingredients  Green manufacturing  Green behaviour  Green in use  Green world
Marine industry

Solutions for safety at sea

Our Simson brand offers a comprehensive and well-balanced product range for all areas of application within the yachtbuilding and shipbuilding industry, making us a reliable partner in this very specialised field. Simson’s products conform to the highest standards of quality and have been tested and certified by the International Maritime Organisation (IMO) specifically for marine applications. The IMO certificate guarantees constant product quality as well as excellent fire resistant properties.

CONSTRUCTION ADHESIVES Simson high-strength construction adhesives meet strict quality requirements for the marine sector regarding initial tack, setting time and viscosity. As they are also resistant to UV radiation and the influence of salt and fresh water, they are perfect for hull-to-deck connections, bulkheads, keel bondings, partition walls, bollards, railings, bumpers and as sealants.

WINDSCREEN ADHESIVES Simson SMP-based adhesives guarantee excellent bonding of safety glass, laminated glass, double glazing, PMMA, polycarbonate and other materials used for applying windscreens, sunroofs, port windows and portholes.

TEAK DECKS The Simson SMP-based system for teak decks is regarded as one of the world’s best for applying and caulking teak decking. With flexible, UV-resistant products that are highly resistant to salt and fresh water, this integrated system covers everything from pre-treatment to liquid adhesives and deck caulks, for a durable, problem-free teak deck.

INTERIORS Bostik also offers a wide range of wood adhesives, contact adhesives, sanitary sealants, etc. optimised for solving the needs of limited space in modern yachts and ships.

Flexible packaging industry

For whatever you package

Bostik has long been a world leader in solutions for the flexible packaging industry. Our innovative approach explains our success with a wide range of technologies, including reactive and non-reactive, hot-melts and water-based products. We offer a full range of solutions from general-purpose adhesives for snack foods, etc. to medium and high performance systems for use with sterilisable foods and pharmaceuticals, chemical resistant packaging and industrial applications involving window film, sail cloth, PV backsheet and more.

COLD-SEAL & HEAT-SEAL COATINGS Whether you use heat-seal techniques or require cold-seal coatings e.g. for packaging of heat-sensitive foods, Bostik has a coating for every application.

RESEALABLE APPLICATIONS M-family is Bostik’s unique, patented system developed with manufacturers of plastic packaging that enables safe and easy opening and closing of food packaging time-after-time. Through our parent company, Total, maker of plastics such as PE, PP, EVA and PVC, Bostik has access to a worldwide network of specialists in this field.

LAMINATION ADHESIVES Bostik offers a wide range of lamination adhesives to help secure optimum barrier properties using various plastics and metals. These include solvent-based and solvent-free PU-adhesives, as well as polyester adhesives, to handle the wide variety of materials, equipment and processing speeds used in the flexible packaging industry. Applications include not only foils for the food-industry, but also other uses such as the lamination of window film as well as photovoltaic film for solar panels.
**Tapes & labels industry**

**Permanent or removable, we stick to our promise**

Pressure sensitive adhesives are widely used throughout the Tapes & labels industry. Bostik’s many years of experience in this innovative area have led to extensive know-how in the area of Hot Melt Pressure Sensitive Adhesive (HMPSA) technology, which we use to create specially designed products for a number of different markets. Our range consists of products for both permanent and removable applications, as well as for low-temperature and high-temperature applications, etc.

**TAPES** We offer a variety of HMPSA products for manufacturing different types of tapes including packaging, double-sided and foam tapes. We also help you with more specialised products such as road marking tapes exposed to water, salt, extreme temperatures and heavy traffic. These tapes need to be removable when the time is right - sometimes after a few weeks, other times after several years. Medical tapes where skin contact is possible is another area where Bostik provides the technical expertise and comprehensive testing that these applications demand.

**LABELS** Bostik HMPSA adhesives are also ideal for labels required to withstand extreme temperatures, such as with frozen foods, or adhere to difficult surfaces, such as car tyres. Clear film labels for no-label look and RFID labels with anti-corrosion properties are examples of new trends where our HMPSA adhesives are increasingly being put to use.

Only the imagination sets the limit for what tapes and labels made with Bostik HMPSA adhesives can bond to.

**Rigid packaging industry**

**Combining function and design**

In addition to providing the necessary protection, new, durable packaging materials enhance the character and image of the products they contain, making them stand out even more from the competition. The adhesives you use for bonding these materials together are an important part of the overall solution. Our product range includes adhesives for every step of the process, from manufacturing the cardboard to closing the packaging.

**CLOSING AND ERECTING OF CARTONS AND TRAYS** Bostik is a leading specialist in the area of hot-melt adhesives for this purpose. Our comprehensive range includes classic EVA hot-melts and APAO adhesives, as well as PA, PET, PU or rubber-based hot-melts.

**LAMINATION/MANUFACTURING OF CARDBOARD** We offer adhesives based on PVA or PVOH with a variety of viscosities and dry contents for best adhesion properties depending on the specific materials and open and pressing times of the production line.

**LABELLING** Our Atobond range of water-based, mainly casein adhesives ensure problem-free application of paper labels to glass, PET, PE, PP and tin plate surfaces. For non-porous materials, e.g. plastic labels, on closed substrates, try our Thermogrip L hot-melt adhesives.

**PALLETTIZING ADHESIVES** Bostik offers a range of anti-slip adhesives for packing products on pallets without plastic wrapping. Made from either HMPSA or waterbased technologies, these adhesives can be used for plastic and paper bags as well as cardboard boxes.

**TISSUE & TOWEL, HYGIENIC PAPER** Did you know that a roll of toilet paper contains four different adhesives? There’s one to form the paper roll, a second to laminate two or more sheets together, a third to attach the paper to the roll and a fourth to secure the loose end. Bostik offers specialised and well-proven products for all applications on high-speed-lines.
Assembly industry

Making things more innovative

In the assembly industry, the technology behind the bonded connection is essential to the quality of the end product. Whatever the scale or complexity of your project, there’s a good chance we have a product that can make it better, stronger or more innovative. Bostik’s wide range of adhesives and sealants is improving the assembly of products made for use on, below or above land or sea! Applications vary greatly and include textiles, leather and footwear, woodworking, furniture, electronics and energy.

Construction industry

Building on knowledge

Bostik’s adhesives and sealants for professional contractors and do-it-yourselfers are widely recognised. But as a partner to manufacturers of building materials, our involvement with the industry begins with the industrial processes. Extensive experience from numerous production technologies and automated adhesive systems enables us to create cost-efficient products for achieving consistent quality, finish and durability. Below are some of the numerous applications for which we develop solutions.

**WINDOWS, DOORS & FLOORING** For producers of solid wood products we offer a range of PVAc-adhesives with different viscosities, moisture/water-resistance, heat-resistance and setting/pressing-times. Products for lamination and postforming of HPL, wood veneers, paper and PVC foils onto MDF, particleboard and wood are also included.

**PLASTERBOARDS & INSULATION MATERIALS** We offer a wide range of water-based products for manufacturing standard plasterboard as well as vapour check and insulation plasterboards where PET films or polystyrene are bonded to the rear of the sheet. We also provide a range of hot melts for convenient packaging of plasterboards and insulation materials.

**PANELS** Bostik has a complete assortment of 1- and 2-component polyurethane adhesives to suit every requirement concerning viscosity, open time and pressing time when manufacturing building panels.

**HVAC** Our Simson brand SMP-based construction adhesives and sealants meet the strictest requirements for hygiene and durability under extreme circumstances, making them ideal for applications within Heating, Ventilation and Air conditioning.

**ROOFING – FLASHINGS & FOILS** Butyl and SMP are examples of technologies well suited for manufacturing flashings intended to replace lead. For under roof membranes and foils we use butyl and HMPSA technologies to secure good bonding between the different materials and to provide high heat-resistance, a necessity under dark roofing materials.

**WHITE GOODS** Mastics for sealing pipe holes plus conductive putty for helping to secure good thermal transfer. Various hot melts are used to seal corners and insides of cabinet.

**FILTERS** Special range of hot melts and PU-adhesives available in liquid and high-viscosity variants. Developed especially for bonding metals, plastics and paper filters.

**ELECTRONIC AND ELECTRICAL EQUIPMENT** A highly specialised range of polyamide hot melts for moulding and potting connectors, circuit boards and other electronic equipment. A fast and eco-friendly alternative to traditional moulding methods using epoxies and PUs.

**FURNITURE** Various hot melts for edge-bonding, soft-forming and profile-wrapping with different features such as high heat resistance, good melting properties, high green strength, thin glue lines and good thermal stability with no stringing. We also offer PVAc-based adhesives for lamination and postforming of HPL, wood veneers, paper and PVC foils onto MDF, particleboard and wood.

**FOAM MATERIALS & SPRING MATTRESSES** We offer 1- and 2-component sprayable contact-adhesives as well as hot melts for securing high-tack, fast-setting and non-flammable application with good temperature and creep resistance.

**RENEWABLE ENERGY – WIND POWER & SOLAR PANELS** Bostik offers several technologies for cleantech applications. Simson SMP-based construction adhesives provide excellent performance for bonding hatches and platforms in wind turbines, as well as frames for solar panels. Solvent-based adhesives can be used for the photovoltaic films of solar panels, and hotmelts, butyls and PU-adhesives for the construction of wind turbines.
WE ARE WHERE YOU ARE

Bostik is present in 50 countries with 5,000 employees. So no matter where you are, we guarantee that you will always have a contact person at Bostik dedicated to answering your needs. Our 50 production facilities provide the necessary strength and capacity to maintain optimised stocks and short delivery times. In addition, we have three international R&D centres for advanced testing and development, and 10 technical centres where we can adapt our technical solutions to meet your specific needs.

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