



**Competence in adhesives
for industrial applications**

PLANATOL®
smart gluing



Tradition and innovation – for more than 80 years

Welcome to Planatol!
As a leading company in adhesive technology, Planatol now serves the wood, paper, and packaging markets, as well as special applications for high-quality adhesives in other industries.

Adhesive applications are becoming increasingly versatile and continuing to prove themselves in the modern manufacturing world.

Planatol develops adhesives for all kinds of industries, persuading through its innovative force. Quality and reliability.

PLANATOL®

1932

Willy Hesselmann founds Planatol and produces cold adhesives made of artificial resin.

1935

Founding of Wetzel as a sales partner of BASF for Kaurit® glue.

1951

Presentation of an adhesive binding machine for threadless bookbinding at the first Drupa trade fair.

1963

First longitudinal gluing equipment for fold-gluing in rotary printing presses.

1983

Installation of the first cross-web gluing equipment in a rotary printing press.

1999

Takeover of Biolink as specialist for solvent-free adhesive tapes based on UV cross-linked acrylic adhesives.

2002

Coating specialist Planatol Coating is founded.

2004

Start of manufacturing of coated pressure-sensitive adhesives on dispersion and solvent basis.

2005

Investment in a state-of-the-art multifunctional agitator at the Rohrdorf site.
Start of production of reactive PUR hot-melt adhesives.

2008

Introduction of the new applicator systems Combijet 9NET and 9DT.
Takeover of Gämmerler as a specialist for post print processing.

2012

Planatol takes over Wetzel and expands its offering by special adhesives for the packaging and wood-processing industries.
Takeover of Italian sales partner Sifag.
Commissioning of a new, process-controlled dispersion plant at the Rohrdorf site.

2013

Founding of the Planatol India and Planatol Middle East subsidiaries.

2014

Development of the worldwide new adhesive technology PLANAMELT for the graphic industry. Fusion of the associate companies Planatol Adhesive and Wetzel Klebstoffe with Planatol Wetzel.

2016

Planatol wins silver medal in the Print&Media Award for developing the Planamelt technology.

2017

Planatol Wetzel now operates under the name Planatol and represents, more than ever before, the core competency of the company: the production of high-quality industrial adhesives. Planamelt Pro is added to the product family.

Competence and synergy

Our objective is to make adhesion processes and processing techniques faster, more functional, and more convenient.

At the same time, adhesive development always aims for increasingly special and tailored adhesive applications.

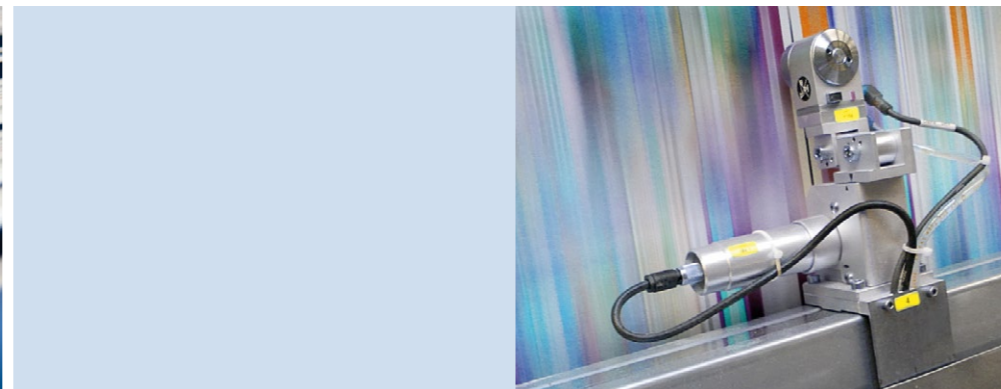
Through innovative adhesive products, we want to achieve ever higher added value in applications and continuously increase the economic efficiency of our technologies.



Systems

In addition to adhesives, the Planatol Group also develops and produces systems for processing adhesives, for example, for fold-gluing in rotary printing. In addition, branches such as paper-processing industry, foil-processing industry, or packaging industry are provided with modular application systems and components for hot-melt and cold adhesive applications.

The exact configuration for individual production concepts and complex adhesive applications for special machines can be implemented with our systems. Our complete solutions comprising a system and an adhesive enable an optimum interplay between both components.

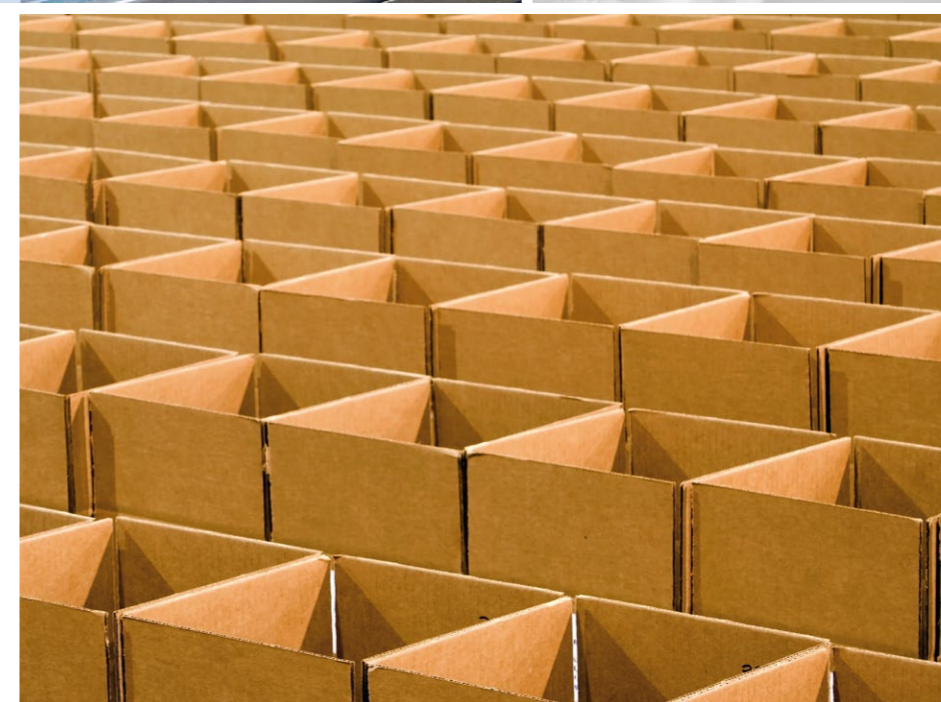


Manufacturing of adhesive

Books, newspaper supplements, folded cartons, paper bags, uses in the kitchen, doors, and many more.

As a leading supplier of adhesives for the paper and wood processing industries, Planatol develops, produces, and sells standard adhesives and customised developments. We are partners with

printers and bookbinders, packers, and package and furniture manufacturers, supplying the right adhesive for both small manual and large mechanised applications.





Technology and innovation

We see ourselves as pioneers, visionaries, and specialists. Planatol was one of the first to replace animal adhesives in book-binding with newly developed, synthetic polymers. As an innovation driver for inline and high-speed adhesion,

Planatol enables exact adhesive dosing at substrate speeds up to 70 kph. We are constantly expanding our leading position as a specialist for adhesives in niche markets for adhesion technology.

**Our values –
Our responsibility**

Experience

For reliable material bonding, we offer not just high-quality adhesives, but also application systems and the refinement of adhesives using carrier materials. Our specialists have excellent experience in the areas of chemistry and mechanical engineering and

adapt our adhesives not just to the product, but also the production process. Especially when it comes to bonding difficult surfaces, we have extensive know-how.



Internationalism

Planatol is represented worldwide in more than 100 countries for its adhesives and systems. Its presence in foreign markets is maintained by our subsidiaries in France and Italy, as well as our representatives, partners, and global customer service.

Dynamism and growth

For more than 80 years, Planatol has stood for quality, reliability, and innovation. As a medium-sized company with a stable owner structure, Planatol will also remain dedicated to these values in future. Investments into research and development, modern systems, and our employees help us grow responsibly.

Ecological technologies

Our adhesive tapes, films, and foils are based on solvent-free technology. Many of our adhesives are low in mineral oils and VOCs to guarantee a responsible use of raw materials and keep energy consumption as low as possible, we rely on state-of-the-art, efficient production plants.



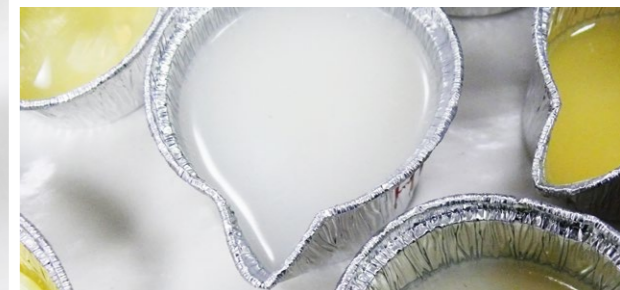
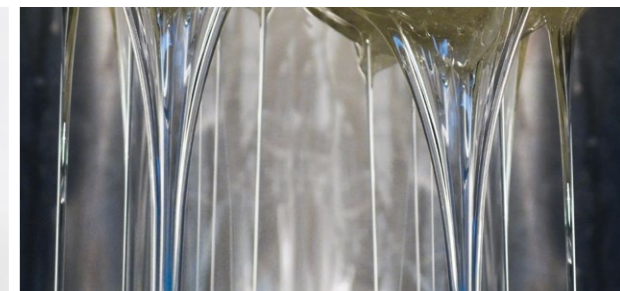
Specialities for individual needs

Hot-melt or cold adhesive, water soluble, kind to the skin, conductive or isolating, permanently adhesive or detachable, heat-resistant or frost-proof, and suited

for special requirements.

Many applications require very specific adhesive properties, both for application and in combination with the end product.

In our laboratory, we formulate adhesives that are precisely adapted to the processing procedure and the respective customer product.



Intelligent bonding

- PVAC / EVA / PU dispersions
- EVA / PSA / PO hot-melts
- Reactive PUR hot-melt adhesives
- Dextrine, starch, and latex adhesives
- Acrylate adhesives
- Special adhesives



Proven standards

Planatol offers a wide range of standard adhesives with proven formulae for the following areas:

- Graphic industry
- Packaging industry
- Wood and furniture industries
- Special applications

From the can to the container – the reliability and constant quality of our adhesives are guaranteed in all pack sizes.

Quality binds

Whether books, labels, packaging, or construction – everywhere, in everyday life, you can find products processed with Planatol quality adhesives. Well-known processing companies trust our brand all over the world. All adhesives are extensively tested. In our

modern laboratory, we simulate production conditions and check processability and the result of the adhesion process. The constant high quality of our adhesives is based on our quality management system according to DIN ISO 9001.



Fold-gluing

- Offering of affordable standards and specialities
- Applicability for a variety of papers and surfaces
- Improvement of the run properties (folding aid)
- Production reliability for the customer

Bookbinding

- Suitability for all technologies and applications
- High temperature stability
- Excellent lay-flat behaviour
- Innovative adhesive systems
- More than 80 years of experience and technical competence

Print finishing

- Fugitive adhesives (dispersion and hot-melt)
- Foil and glossy film adhesives
- Seal adhesives (dispersion and hot-melt)
- Special solutions according to customer desire for forms, block manufacturing, and much more

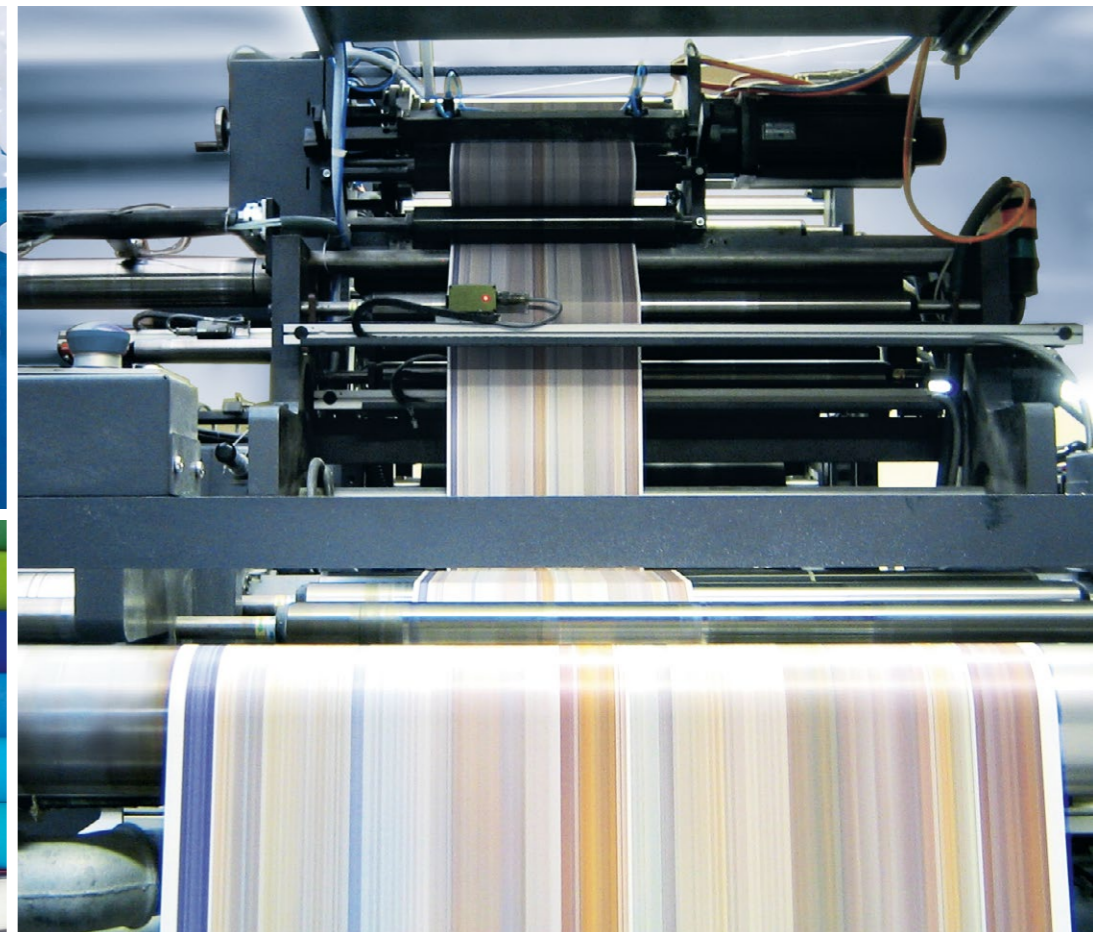
Adhesive solutions for the graphic industry

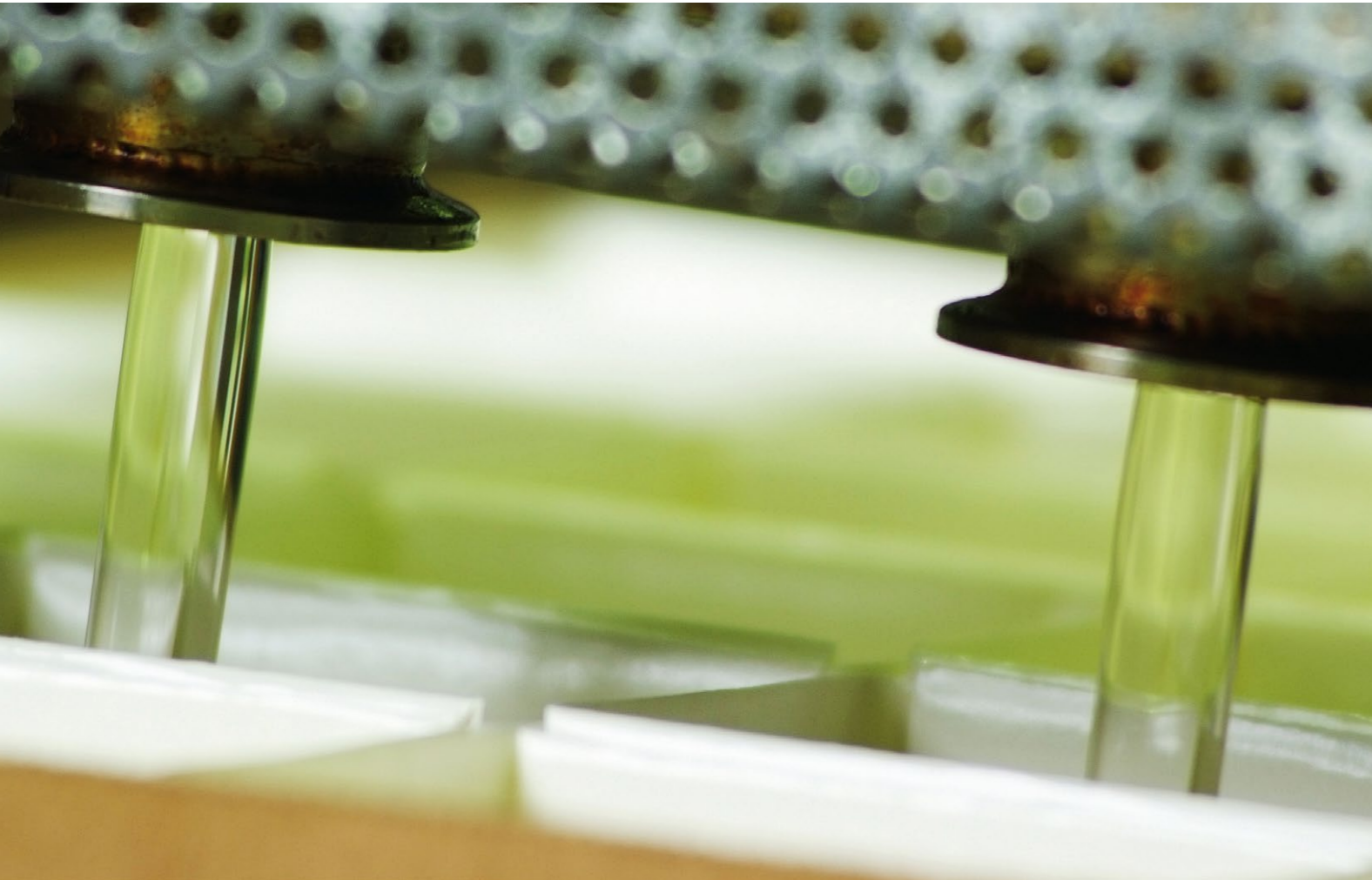
As flexible as the requirements of our customers

- Dispersions
- Hot-melts
- Reactive PUR hot-melt adhesives
- PSA
- Fold aids/softening

For more than 80 years, we have already been developing adhesives for the graphic industry. We have extensive experience, especially in the adhesion of sophisticated papers and refined surfaces. Our adhesive solutions are based on further processing

techniques. In addition to adhesives for bookbinding, we also make use of fold-gluing and print finishing, with both standard solutions and individual systems, as well as special solutions.





Folding boxes and corrugated cardboard

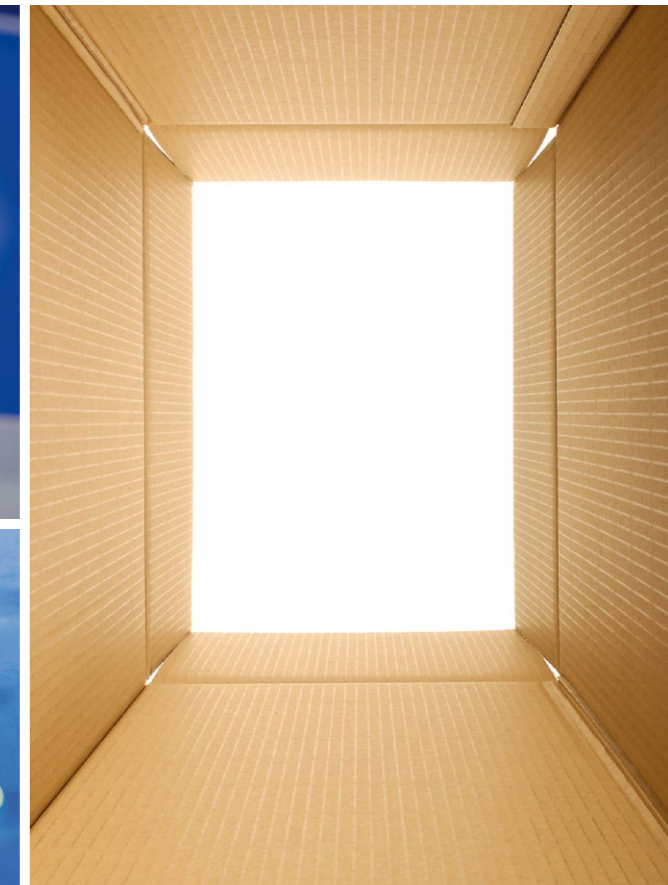
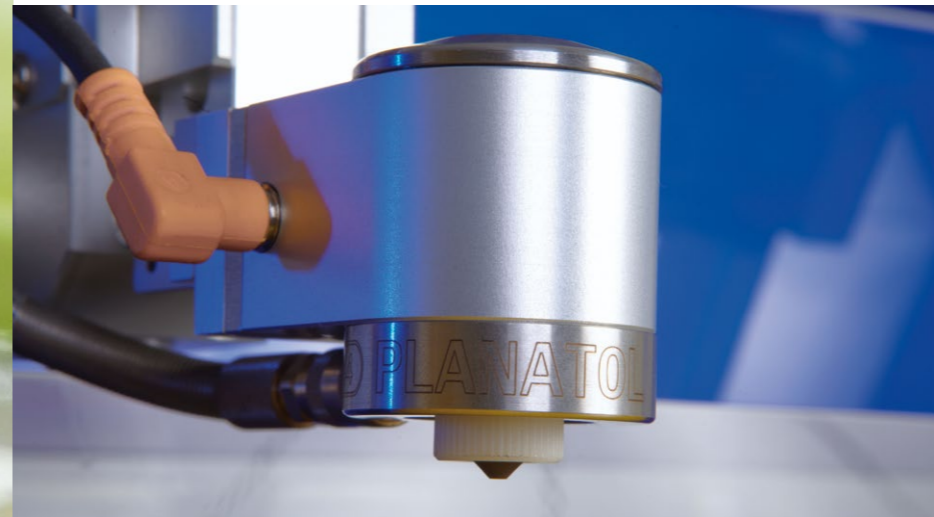
- Construction precision, usable as single or multi-point scheme
- High precision and low spray, even with high-speed machines
- Outstanding nozzle flow properties

End-of-line solutions

- Difficult substrate and high production speeds
- Powerful and effective in usage
- Special temperature requirements
- Affordable standard solutions

Paper bag manufacturing

- For paper bags, valve bags, hose bags, and hexagonal bottom bags
- All viscosity ranges
- Heavy-duty bonds
- Paper and foils



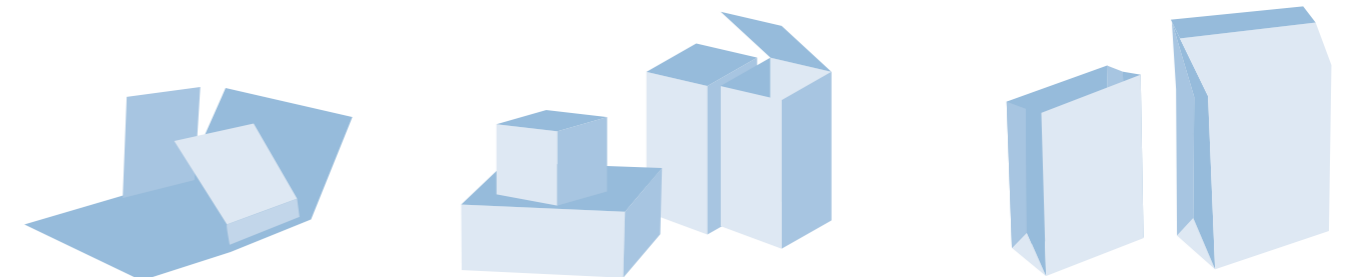
The complete package for the packaging industry

Safe adhesion and packaging

- Dispersions
- EVA hot-melts
- Metallocene hot-melts
- PSA
- Seal adhesives

The intensive development work in the area of packaging makes it possible for us to constantly introduce new solutions for traditional and innovative packaging. In addition to our high-performance,

efficient adhesives for end-of-line paper bag manufacturing, as well as folding cartons and corrugated cardboard, we are also developing specialities for individual applications in the area of packaging.





Furniture and kitchen

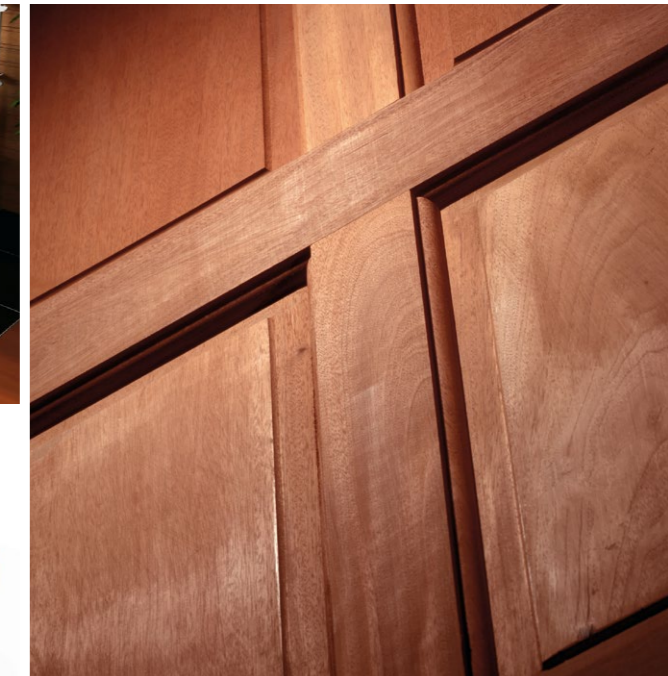
- Edge gluing
- Edge banding
- Surface lamination
- 3D technology
- Profile wrapping

Wood materials

- Plywood
- Laminated timber
- Laminated boards
- Wedge finger jointing
- Veneer processing

Construction

- Door manufacturing
- Window manufacturing
- Honeycomb boards
- Sandwich elements
- Parquet/laminate flooring



Tailor-made adhesive systems for the wood and furniture industries

Adhered to measure

Flexible and reliable adhesive bonds are our speciality. Whether bonds for furniture and the kitchen, whether wood materials or constructions like doors and windows:

we rely on individual, expert consultation and develop innovated,

tailor-made solutions on this basis. In addition, we also offer Kaurit® and Kauramin® glues as a system partner of BASF.

- Dispersions (PU, D2, D3/D4)
- EVA hot-melts
- PO hot-melts
- Reactive PUR hot-melt adhesives
- Primer
- Kaurit® and Kauramin® glues for 
- Hardeners
- PSA



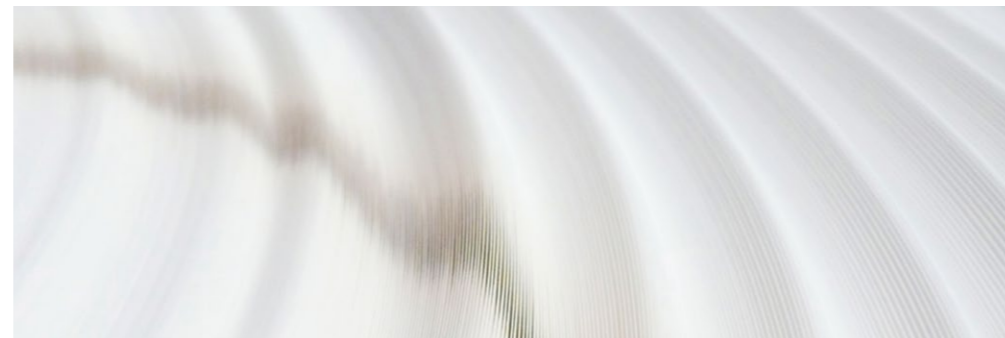
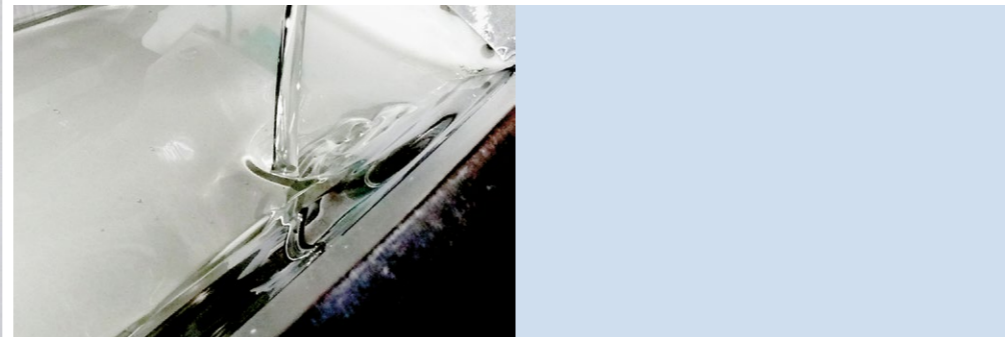
We are happy to advise you

With over 80 years of experience in the manufacturing of adhesives, Planatol is an expert in flexible and reliable adhesive bonds.

We offer not only affordable standard solutions, but also develop tailor-made, special solutions in all sectors. We have extensive experience, especially in the adhesion of sophisticated papers and refined surfaces. From development,

production, and on-site, application-technical advice to punctual delivery, we are the right partner. Our focus lies in individual, expert consulting. Our objective is to combine exceptional product quality with process efficiency.





PLANATOL®

smart gluing

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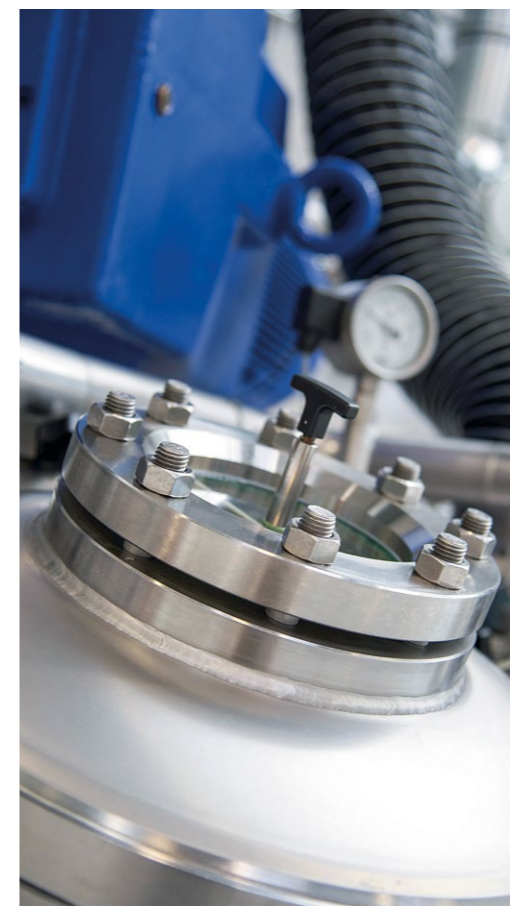
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