

ENGL

**Rhenocoll**  
 THE GLOBAL COATINGS + ADHESIVES COMPANY

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# THE WHOLE WORLD OF COATINGS AND ADHESIVES

Development · Testing · Production · Made in Germany



- Portrait
- Research + development
- Application technology
- Production
- Quality management
- Service
- International competence
- Varnishes for building protection  
wood / aluminum / steel
- Industrial coating
- Wall Façade Roof  
Decorative + Functional
- Wood protection  
Building components  
Wooden windows + doors
- PVC-coating
- Varnishes for aluminum + steel
- Varnishes for glass
- Fire-protection coating
- Wood varnishes + stains  
furniture / stairway / parquet
- Glues + adhesives



## TRADITION AND COMPETENCE

Our customized coatings and adhesives set international standards.

RHENOCOLL was founded in 1948 by Günter Zimmermann. Today, the family company is owned by the second generation CEO Mr. Werner Zimmermann.

In the beginning, the company focused on wood glues, then started specializing in wood protection, furniture varnishes, decorative coatings for wall and facade and special coatings for windows and doors.

Our guiding themes are **high quality and durability, eco-friendliness and service.**

At the RHENOCOLL Competence Center, which was founded in 2002, all activities are bundled: research and development, application technology and further education at RHENOCOLL academy are combined into a one-of-a-kind institution.

Rhenocoll has received multiple awards for innovative developments, eco-friendly products and its manufacturing processes.

In 2005 and 2009, Rhenocoll was awarded the Innovation Award from the Minister of Economics, in 2007 they received an award by the president of the Federal Republic of Germany.



- COMPETENCE CENTER
- MORE THAN 65 YEARS OF EXPERIENCE
- INNOVATION AWARDS
- ACTIVITIES WORLD-WIDE

We want to be your partner -  
not only your supplier.

Download our Rhenocoll App  
directly to your mobile device.



Portrait

Research +  
development

Application  
technology

Production

Quality  
management

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PVC-coating

Varnishes  
for aluminum  
+ steel

Varnishes  
for glass

Fire-protection  
coating

Wood varnishes  
+ stains  
furniture / stairway / parquet

Glues + adhesives





# WE HELP YOU SOLVE ANY PROBLEMS

We are into innovations.

We study world markets and continue to develop for future challenges. This makes us always one step ahead. We embrace customer requests and develop eco-friendly **adhesives and coatings**.

**Large laboratory devices** with extensive technology provide the best possible conditions for successful developments. We continuously consider our customers' demands and requests. More than 65 years of experience and competent employees are not only securing the competitiveness, but also give our customers advantages towards their competitors.

We help you become more economical, more effective and more competitive - even with individual adjustments.

- MODERN LABORATORY CENTER
- WORKING ON CUSTOMERS' REQUESTS
- DEVELOPMENTS THAT ARE ONE STEP AHEAD
- ECO-FRIENDLY



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- Application technology
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- Glues + adhesives



# WE CHECK ALL OF THE DETAILS

We offer a broad application warranty.

In our application technology center, we are able to use and apply all of our products manually and industrially. That's how we are able to offer a warranty on all quality and application features.

Our 1,500 sqm area of machinery allows different methods of application and coating. Different facilities and our automatic coating machine allow us to industrially apply different processes such as dipping, flowing, spraying and even use several drying methods.

We are also equipped with extensive equipment for manual application processes.

That is how we create a **connection between research & development, production and testing** to not only assure but also to warrant the application.

We support you and your company with **on-site demonstrations and consultations** for the application technology. Our in-house **customer training** gives access to all of the technical equipment and lets us share knowledge from our excellently trained staff.



- THOROUGH DEVELOPMENT TESTINGS
- EXTENSIVE MACHINERY FOR INDUSTRIAL TESTING
- TECHNICAL SUPPORT AND CONSULTATION
- ALL POSSIBILITIES FOR MANUAL PROCESSING
- APPLICATION SECURITY
- COST EFFECTIVENESS

Our application technology center is unique - our possibilities assure quality.

- Application technology
- Production
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## LATEST PRODUCTION - MADE IN GERMANY

Decades of experience secure quality standards.

We permanently invest to make the production of coatings and adhesives even better, faster and more cost effective. We regard individual customer demands. The product quality of our **eco-friendly and water-based** coatings and adhesives sets standards world-wide.

No matter which container size you need - we provide them small or up to 1,000 liters.

Our complete production process is eco-friendly and builds a complete circuit. We **produce, clean and recycle** in technical steps to avoid any harmful substances or waste polluting the environment.



- IN-HOUSE PRODUCTION - MADE IN GERMANY
- MODERN PRODUCTION PARK
- ECO-FRIENDLY PRODUCTION, CLOSED CIRCUIT

Our products safeguard  
your valuables.

Production

Quality  
management

Service

International  
competence

Varnishes for  
building protection  
wood / aluminum / steel

Industrial coating

Wall Façade Roof  
Decorative + Functional

Wood protection  
Building components  
Wooden windows + doors

PVC-coating

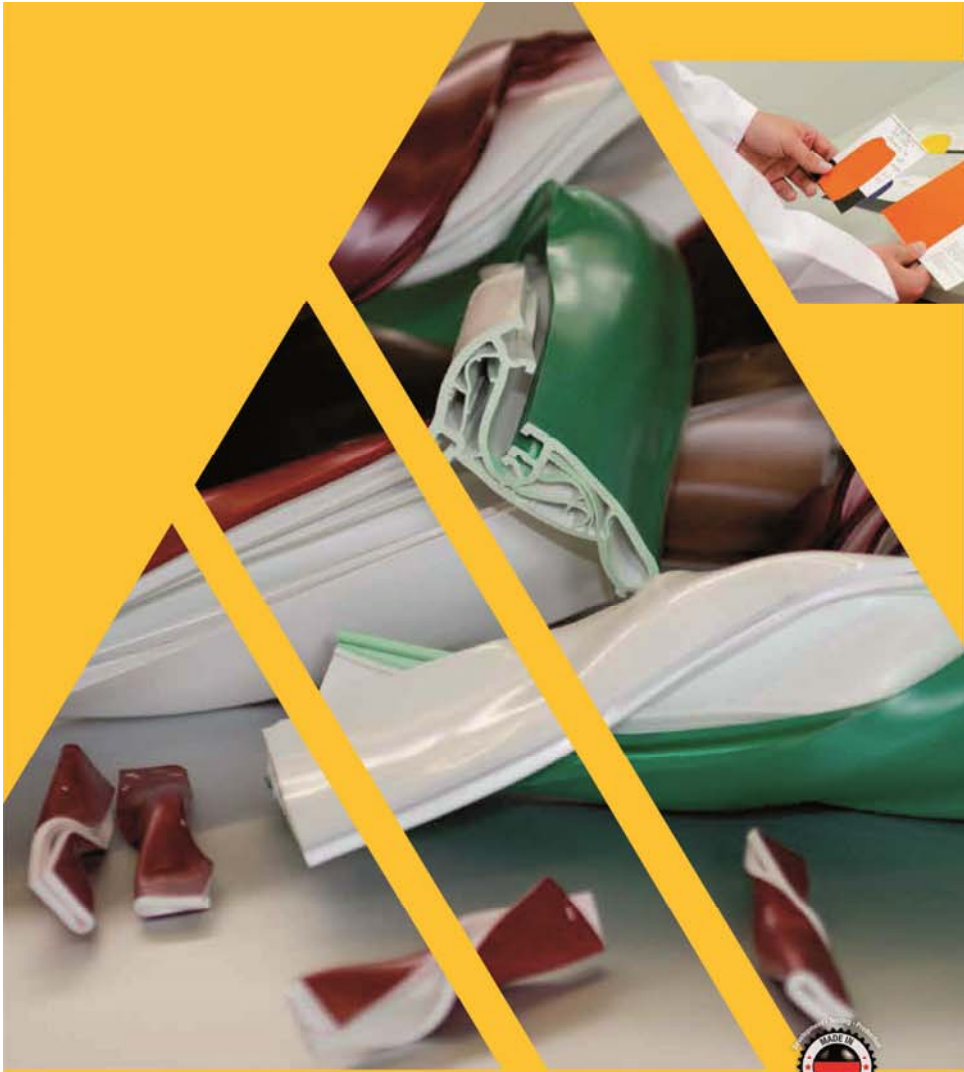
Varnishes  
for aluminum  
+ steel

Varnishes  
for glass

Fire-protection  
coating

Wood varnishes  
+ stains  
furniture / stairway / parquet

Glues + adhesives



# WE FEEL RESPONSIBLE FOR QUALITY

Our extensive tests warrant quality and give you safety.

To us, quality control means using experience in testing steps. We test our product quality in multi-step processes to control the manufacturing process. The clearance of our adhesives and coatings warrants the compliance with standards and quality features which provide durability, function and quality during processing.

Our compliance with **DIN EN ISO 9001** is only the visible part of our quality standard.

- DIN EN ISO 9001
- MULTI-STEP TESTING PROCESSES
- DURABILITY AND RESISTANCE
- SPECIALIZED PRODUCTS



Steady features make our products stand out.  
We provide application consistency.

Quality management
Service
International competence
Varnishes for building protection wood / aluminum / steel
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# OUR SERVICE MAKES APPLICATION EASIER FOR YOU

We want to be your partner - all around.

If you need advice - we are here for you. We provide service and assistance from **Germany and our branches all over the world** to support you in using our coatings and adhesives. Our staff knows the products, materials, coating techniques and methods to analyze, what may be your best individual solution. Share your requests - and we will let you know which products, application steps and systems work best for you.

We demonstrate manual application by brush, roller or spray device and support your technical staff.

With our base products and pigments and the corresponding tinting machines, we are able to provide a huge variety of up to 15,000 colors of different products.

We offer marketing concepts, staff trainings as well as presentations and customer consulting at their own premises. Comprehensive marketing and info material is available upon request.

Visit our German Competence Center and learn about our training packages in theory and in practice.

**Our experienced staff  
is always available for you.  
World-wide.**

- SERVICE WITH NO BOUNDARIES
- WE CAN FIND THE BEST SOLUTION FOR YOU
- CONSULTATION AND TRAINING
- APPLICATION SUPPORT



### Service

International competence

Varnishes for building protection  
wood / aluminum / steel

Industrial coating

Wall Façade Roof  
Decorative + Functional

Wood protection  
Building components  
Wooden windows + doors

PVC-coating

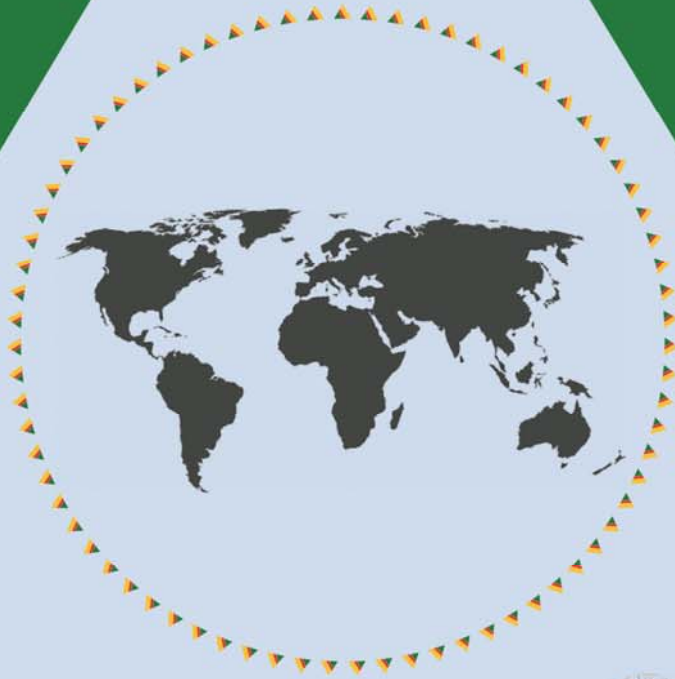
Varnishes for aluminum + steel

Varnishes for glass

Fire-protection coating

Wood varnishes + stains  
furniture / stairway / parquet

Glues + adhesives



- INTERNATIONAL EXPERIENCE FOR DECADES
- WE SPEAK YOUR LANGUAGE
- OUR CUSTOMERS ARE PARTNERS
- WE RESPECT CULTURES

## IN 75 COUNTRIES: CERTAINTY AND COMPETENCE

Product and Service - one unity.

Over the decades, we were able to gain experience with national and international specialties. Our coatings and adhesives are adjusted to those valuable experiences.

**Customer focus is important to us** - that's why we have representatives and branches in **many countries**. Our staff and partners are in close contact with you - our customer. **We speak your language** - our staff, in Germany, speaks different languages with branches abroad extending this ability.

You can find us at **many national and international exhibitions**. We establish global networks with organizations and institutions.

We show technology **MADE IN GERMANY** and **Product know-how** in presentations for architects, developers and different customer groups.

We work on the future - daily.

Our world-wide experience  
is your competitive advantage.

International  
competence

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## WE PROTECT YOUR CONSTRUCTION VALUABLES

If you wish to protect different surfaces, you need special products. We have them.

Preservation of structures means to us: **to protect surfaces against weather and environmental influences and to guarantee comfort and durability.**

We have developed a large variety of products which provide optimized protection.

We differentiate between surfaces such as **wood, aluminum, steel, glass and PVC, stone, plaster, concrete, ceramic and modern composites.**

Our various paints and coatings are suitable for application by brush, roller or spray device and can be used for new constructions or renovations.

Extensive testings guarantee quality and durability for different application areas.

Our base paints allow tinting by many international color charts which makes the possibility of transparent and opaque colors nearly endless.



- OPTIMAL VALUE PROTECTION ON VARIOUS SURFACES
- SPECIALLY ADJUSTED PRODUCTS
- TESTED QUALITY
- DECORATIVE VARIETY
- ECO-FRIENDLY, WATER-BASED

We make surfaces decorative,  
durable and long-lasting.  
We protect your valuables.

Varnishes for building protection  
wood / aluminum / steel

Industrial coating

Wall Façade Roof  
Decorative + Functional

Wood protection  
Building components  
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Glues + adhesives



## SPECIAL PRODUCTS FOR SPECIAL DEMANDS

Customized formulas create products with high class value for your specific use.

Within our range of special products, you are able to find special coatings for **building components and industrial floors - customer oriented and customized, such as:**

Epoxi-floor coating for industrial floors, parking garages, shopping centers, hotels, public and private areas, eco-friendly and water-based with special advantages in usage and application.

Makes a high-quality coating with special decorative effects such as "Modern-Stone" or "Stone-carpet".

Can be used for oil and gas facilities, tank farms, as well as industrial objects which demand a special adjustment for hygiene reasons in buildings or for water treatment. Signal and warning paints to support protection measures.

Anti Graffiti Coating protects facades and sculptures from every day grime and malicious vandalism.

- DECORATIVE FLOOR COATING
- ANTI-GRAFFITI COATING
- TEMPERATURE SIGNAL PAINTS
- COATINGS FOR HYGIENIC AREAS
- ECO-FRIENDLY, WATER-BASED



Smart solutions for extraordinary demands.

### Industrial coating

Wall Façade Roof  
Decorative + Functional

Wood protection  
Building components  
Wooden windows + doors

PVC-coating

Varnishes  
for aluminum  
+ steel

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Glues + adhesives





# DECORATIVE AND BEAUTIFUL, FRAGRANT, SELF-CLEANING, ANTI-BACTERIAL

Functional paints for interior rooms, façades and roof coatings - make it colorful!

High-quality products for all surfaces can be more than beautiful and brilliant, they can also have important features.

**Room paints**, opaque and decorative for multiple design possibilities such as "Toscana effect", "Metallic effect", "Royal effect", and "Marble-design".

**Paints and coatings for façades**, protect from weather, stay breathable and can be self-cleaning. Thermo-reflect paint reflects heat and keeps buildings cool.

**Anti-bacterial special paints**, for hospitals, fungus repellent paints for food production or moist rooms, fragrant paints for hotels and foyer.

**Room paints with fast drying properties**, odorless and without fire hazard, like our "Hotel paint 1-2-3 Go".

**Coatings for roof areas and roofing tiles**, decorative design and weather protection.

**Beautiful and brilliant - our Colormix system**, guarantees large variety in color for all product groups.

The world of colors - not only beautiful and brilliant, but also functional.

- PLEASANT ODOR
- DECORATIVE EFFECTS
- HOTEL PAINT 1-2-3 GO
- HOSPITAL PAINT
- ECO-FRIENDLY, WATER-BASED

Wall Façade Roof Decorative + Functional
Wood protection Building components Wooden windows + doors
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Fire-protection coating
Wood varnishes + stains furniture / stairway / parquet
Glues + adhesives



# HOW MANY DECADES DO YOU WANT YOUR WOODEN WINDOW TO LAST?

High-quality coatings according to German standards, well-proven worldwide.

RHENOCOLL is one of the pioneers when it comes to water-based coatings and systems for **wooden windows and doors, wooden houses and building components made of wood.**

The surface durability secures the proper function of the building components and guarantees durable protection given by high elasticity and UV-protection. Also, the natural and beautiful wood look can last for many years.

Our coating system regards wood types, wood quality and the level of wear.

Adjusted to **industrial and manual application, we guarantee cost-effectiveness** in your production. Our variety of glazing, transparent wooden colors and our opaque color coatings offer unlimited design possibilities.

- GUARANTEED DURABILITY
- WOODEN WINDOWS AND DOORS
- GARDEN TIMBER
- TIMBER HOUSES
- ECO-FRIENDLY, WATER-BASED



Tested according to German standards - quality with warranty.

Wood protection  
Building components  
Wooden windows + doors

PVC-coating

Varnishes  
for aluminum  
+ steel

Varnishes  
for glass

Fire-protection  
coating

Wood varnishes  
+ stains  
furniture / stairway / parquet

Glues + adhesives





## WE SET NEW STANDARDS FOR PVC WINDOWS AND DOORS

There are only a few products world-wide with unique features - our PVC-coating is one of them.

We make history: the first **water-based coating for PVC-profiles** was developed and introduced by RHENOCOLL in 1985.

Today, we are market leaders and work together with the world-wide largest and most renowned profile manufacturers and coating companies. Our product range has been extended multiple times: **Nano effects**, **"easy-to-clean"**, **heat reflective features** and **cool color** are only a few out of our extensive product range.

Our 15-year warranty offers boundless safety for our customers. Proven - from the start we have been delivering products without complaints. Our products from the **RHENOPLAST series** are **liquid plastics**. No other conventional paints or coatings of this kind show such excellent weather resistance. The color palette includes 180 RAL colors plus an additional design color palette including special metallic effects, royal effects and textures.

Extensive laboratory tests make sure that the products can be used **on all continents**.



- PIONEER SINCE 1985
- EXCELLENT WEATHER RESISTANCE
- INTERIOR AND EXTERIOR
- FOR REGENERATION AND RENOVATIONS
- METALLIC EFFECTS AND TEXTURES
- ECO-FRIENDLY, WATER-BASED

**RHENOPLAST: the liquid plastic for excellent weather resistance.**

PVC-coating

Varnishes for aluminum + steel

Varnishes for glass

Fire-protection coating

Wood varnishes + stains  
furniture / stairway / parquet

Glues + adhesives



## POWDER COATING THAT COMES IN LIQUID FORM

Our development ushers in a new era: it is faster and more cost-effective than powder coating.

The first water-based and eco-friendly varnish is designed especially for aluminum, but can also be used on other metals. It works as a corrosion inhibitor and provides decorative protection for building components. RHENOMETAL is a one-component varnish, which can be applied directly onto aluminum and steel without primer.

The corrosion inhibitor makes a primer unnecessary which speeds up the application process and makes it more cost-efficient. The varnish can be dried at room temperature or under force.

The special feature "Cool Color" reflects heat radiation.

The basic palette comes with 180 RAL-colors. More color tones from other color charts on the market, as well as metallic effects, are available upon request.

- CORROSION INHIBITOR AND DECORATIVE
- SINGLE-COMPONENT VARNISH
- NO PRIMER NECESSARY
- WITH HEAT REFLECTION
- ENERGY SAVING
- ECO-FRIENDLY AND WATER-BASED



Liquid single-component varnish,  
without primer directly onto metal.

Varnishes  
for aluminum  
+ steel

Varnishes  
for glass

Fire-protection  
coating

Wood varnishes  
+ stains  
furniture / stairway / parquet

Glues + adhesives





## THE EASY WAY TO VARNISH GLASS

Even glass varnish is now eco-friendly and easy to apply.

Usual glass varnishes are either solvent based or burn-in systems and need extensive processing technology. Our **eco-friendly and water-based system** offers a complete range of transparent and opaque colors for decorative design with minimal equipment.

The fast-drying system allows faster end results with less effort which saves you time and money.

Water-based products can be used without risk of fire or unpleasant odors. There are no health issues for the processor.

The elastic quality stays durable without cracks but with excellent adhesion. The colors are **highly UV-resistant** and provide a perfect surface even during the highest sun exposure.

Up to 15,000 colors are available from international color charts. Also available are transparent, semi-transparent, metallic effects and Royal effects.



- EASY PROCESSING
- PLEASANT ODOR
- LIGHT-RESISTANT AND DURABLE
- EXCELLENT SUN PROTECTION
- COMPLIES WITH ENVIRONMENT STANDARDS
- ECO-FRIENDLY, WATER-BASED

Create a cost-efficient, modern ambience - without the health risks.

Varnishes for glass
Fire-protection coating
Wood varnishes + stains <i>furniture / stairway / parquet</i>
Glues + adhesives



## SAFETY ACCORDING TO INTERNATIONAL FIRE PROTECTION STANDARDS

Burnable building components, such as interior woods, must be protected against fire. Especially wood, should not lose its natural character.

RHENOMORS stands for **modern coatings in the fire protection sector.**

Common systems are either not eco-friendly or not very decorative.

Our transparent coating lets wood have its naturalness. The opaque and colorful coatings allow a **variety of colors**. Our protection coatings for interior use transform into a foaming protection layer in the event of a fire which protects the surface from destruction. Tests according to international standards prove the functionality of the system.

The **eco-friendly and water-based products** do not pose a health risk to the processor.



- TRANSPARENT AND OPAQUE FIRE PROTECTION COATINGS
- COMPLIES WITH INTERNATIONAL STANDARDS
- ECO-FRIENDLY AND WATER-BASED

Highest safety requirements -  
faster than fire fighters.

Fire-protection coating

Wood varnishes + stains  
furniture / stairway / parquet

Glues + adhesives





# HARD-WEARING VARNISHES FOR BRIGHT BUSINESS

For furniture, toys, ship building, stairways, parquet or sports equipment: RHENOCOLL has the right products.

Besides regular varnishing systems for all wood surfaces and board materials, we have been producing **water-based products and natural wax coatings** for many years. For decorative design on interior wood we offer a complete product range: **stain for coloring, clear varnishes, semi-transparent varnishes and varnishes in all colors.**

Different application areas need different wear levels. **Extremely heavy-duty varnishes for parquet and stairway** as well as a variety of quality steps for **furniture surfaces**. Specially tested products are suitable for **toys**. Products based on natural waxes were developed for people with **allergies**.

- INTERIOR DESIGN AND FURNITURE
- INDUSTRIAL AND MANUAL APPLICATION
- QUALITY STEPS FOR DIFFERENT DEMANDS
- ECO-FRIENDLY, PARTIALLY WATER-BASED
- TESTED FOR TOYS



Water-based and hygienic.  
For safe and high-quality application.

Wood varnishes  
+ stains  
*furniture / stairway / parquet*

Glues + adhesives



## OUR GLUES CAN FLY

Durable and cost-efficient for all types of adhesions in wood processing.

In 1959, RHENOCOLL had already developed a **weather and water resistant glue** which was used for the manufacturing of wooden propellers on planes. The word "**Propellerleim**" (propeller glue) has become a synonym for high-quality, weather and water resistant bonding and is known throughout Central Europe.

In the following decades, we have developed a variety of wood glues based on PVAc, urea, polyurethane and other modern raw materials for liquid and powdered glues and hot melts. Tests according to German and European norms have been conducted for the **bond strength D1-D4**.

The adhesives are used for **furniture**, adhering foils onto **boards**, **wooden floors**, **parquet**, **manufacturing of laminate** and adhesion of **composites with wood**.

In 1992 we have developed our "Propellerleim Protect" - the first intelligent wood glue for window construction. A unique selling proposition still used today.

- ADHESIVES FOR HANDCRAFTS AND INDUSTRY
- PROTECT: THE FIRST INTELLIGENT GLUE
- WOOD, FURNITURE, PARQUET
- NORM TESTINGS D1-D4



We know the chemistry of adhesion.




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 THE GLOBAL COATINGS + ADHESIVES COMPANY  
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# Dive into the world of Rhenocoll!



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building components/  
wooden windows + doors
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- Varnishes for aluminum + steel
- Varnishes for glass
- Fire-protection-coating
- Wood varnishes + stains  
furniture/stairway/parquet
- Glues + adhesives