



YOUR PARTNER FOR METERING
AND MIXING TECHNOLOGY

GLAZING



WHO WE ARE – AND WHAT WE STAND FOR

Joined materials – metals, glass, plastics and composites can be found everywhere in our world, countless products are made out of them. Bonding technologies have more and more replaced traditional joining processes during recent years, and Reinhardt-Technik has adopted to this trend early.

What started in 1962 with a team of ambitious engineers has grown over half a century to a leading global supplier of dosing and mixing plants with a proven record of innovative solutions in the market place.

Processing liquid performance materials for bonding, sealing, moulding and surface treatment applications combined with system integration and process control are our well recognized core competences.

As a technology leader in the field of adhesive and sealant processing solutions we belong to the J. Wagner GmbH since 2012.

Wagner is a leading manufacturer of surface technology, with more than 1,400 employees globally and headquarters in Markdorf near Lake Constance.

- › **Customer orientation**
- › **Partnership**
- › **Innovative products**
- › **Individual solutions**
- › **Automation**
- › **Reliable applications**
- › **Global service**

ABOUT THE INDUSTRY

Glass has always been a fascinating material for windows since its use in the early ages. Still today glass significantly influences modern architecture more than ever before.

Specifically since the early 1970, through the broad commercialization of isolating glass the use of adhesives and sealants has become an essential element in isolating glass and window manufacturing.

The trend to structural glazing in commercial buildings has been dominating our cityscapes since years.

Ever growing building sizes and individualization in architectural designs will continue this trend and extend the usage of structural glazing elements.

Structural glazing facades must meet aesthetic design requirements while also need to provide certain functionalities to the building, like thermal insulation, resistance against changing climates as well as long-term durability for centuries.

Modern structural glazing element manufacturing is only possible with structural bonding by use of high performance silicone adhesives.

Adhesives and sealants need to be accurately processed and precisely applied in order to ensure an optimum bond and sealing.

Reinhardt Technik is a leading supplier of metering and mixing systems to the glazing industry since the early 1970.

With increasing requirements for higher quality, operator comfort and productivity, Reinhardt Technik always was a step ahead with continuous developments of improvements and new products.

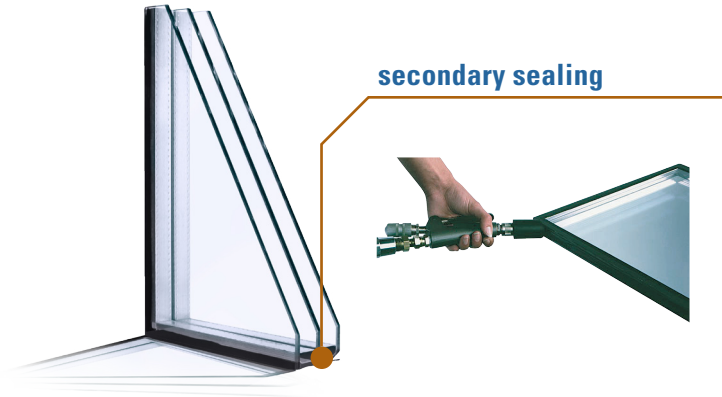
Learn more about our products & solutions.....



APPLICATIONS

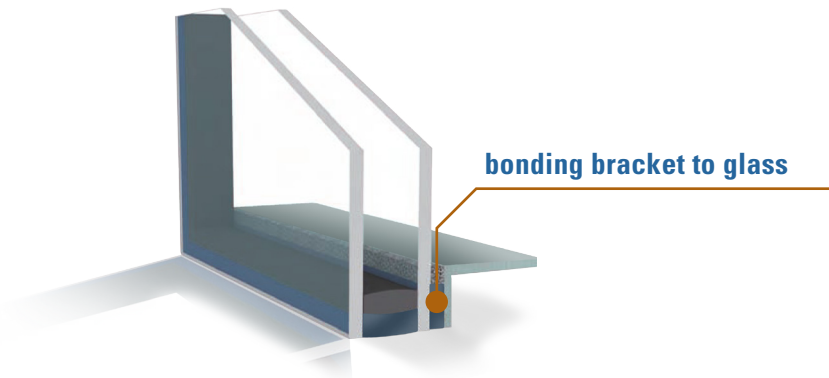
MATERIALS

INSULATING GLASS



2K Polysulfide
2K Polyurethane
2K Silicone

STRUCTURAL GLAZING



2K Silicones
1K Silicones (weather seal)

DIRECT GLAZING



2K Silicones
2K Methacrylates

SOLUTION



Ecostar evo

Conti Flow Versa

BENEFITS

- Innovative solutions help to save material, increase productivity and enhance sustainability
- Robust 1K and 2K processing equipment for reliable operation in demanding production environments
- Easy handling due to operator friendly and ergonomic design
- Optimized design and functionally based on close cooperation with material manufactures
- Standardized product portfolio provides on the spot service and spare parts availability

ECOSTAR EVO VARIANTS



Ecostar evoclass

Powerful 2K meter mix plant for most common applications

Ecostar evomax

2K meter mix plant for maximum output requirements.

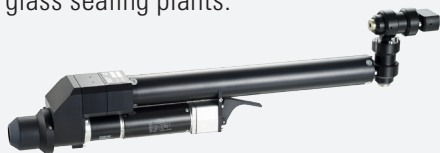
Ecostar evoair

Economic 2K meter mix plant with air motor for reduced output requirements.

ADDITIONAL EQUIPMENT

Dynamic Mix 3.0

Dynamic mixer with disposable mixing chamber and two component swivel joint for integration into glass sealing plants.



Dynamic Mix 6.0

The innovative dynamic mixer with disposable mixing chamber.



Gamma Mix

Optimal static mixing gun
for use with
gear metering systems



Alpha Mix

Optimal static mixer for use with piston pump
metering.



Cartridge Filling Device

Comfortable and easy
material filling into
reuseable cartridges.



Freezer

Freezing and thawing
device for
mixed 2-component
materials.



AUTOMATION

Reinhardt Technik is a technology solutions provider. In addition to the metering and mixing equipment, we also offer the complete automation system in the exact required specification.

Our know-how in assembly automation comprises:

- Pre-treatment (plasma, flaming, priming,...)
- Application of one-, two- or more component adhesives and sealants
- Various robot and handlings systems
- Plant design
- Curing processes
- Process control /Process visualization
- Data logging and documentation
- Quality assurance
- Remote service



YOUR GLOBAL PARTNER IN GLAZING

- **Processing and application of single and multi component adhesive and sealants**
- **Ambient and temperature conditioned equipment**
- **Complete systems for manual or fully automatic processes**
- **Innovative process control and verification**

