

YOUR PARTNER FOR METERING AND
MIXING TECHNOLOGY

BUILDING AND CONSTRUCTION



WHO WE ARE – AND WHAT WE STAND FOR

Joined materials – metals, glass, plastics and composites – is omnipresent in our world, countless products are manufactured from them. Bonding technologies have become more and more replaced traditional joining processes during recent decades, and Reinhardt-Technik is recognized as a pioneer of this trend.

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

Our well received core competences are the processing of liquid performance materials for applications of adhesives and sealants, dispensing technology and surface treatment – combined with full systems integration and process control.

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

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

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

BUILDING AND CONSTRUCTION

The requirements for buildings – whether domestic houses or commercial buildings – are becoming more demanding. Essentially, this is shaped by governmental energy regulations, fire safety measures, local construction standards and not least by the functional and design requirements of their owners.

In order to meet all these requirements architects as well as designers need to specify the correct materials and components carefully. More than 2/3 of the value of a building accounts for building and construction elements and their installation.

Looking at the total investment in building and construction elements, it is obvious that nowadays the competitiveness of the manufacturers are directly linked to the utilization of modern and efficient production methods. Constantly increasing demands for higher productivity and quality require reliable processing equipment and an appropriate quality control.

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

Reinhardt-Technik is therefore your preferred supplier of adhesive and sealant processing equipment in the building and construction industry.

We offer a wide range of products to process liquid materials in different applications taking the manufacturing environment and local requirements into account.

From simple manual applications to complete solutions with fully automated robot cells with integrated process control – complemented by outstanding service and spare parts availability.

Reinhardt-Technik is also a partner of major adhesive manufacturers, helping to optimize processes and find new solutions for the market – for the benefit of our customers.

Learn more about manufacturing applications and get convinced about our products and system solutions - Made in Germany.



1

Sandwich Panels / Isolation

- Bonding of sandwich panels
- Bonding / Lamination of technical fabrics
- Bonding of brackets and threads into panel
- Bonding of honeycomb structures

2

Air Conditioning and Heating

- Assembly bonding of components
- FIP-Gasketing of housing & duct parts
- Lamination of isolation blankets

3

Roller Shutter Casing

- Bonding of isolation blocks
- Sealing and FIP-Gasketing of housing

4

Doors and Windows

- Direct Glazing, Secondary sealing, structural glazing
- Bonding of frame structure
- Bonding of honeycomb structures
- Assembly bonding of front doors

5

Shower Cabins

- Bonding and sealing of glass to frame
- Bonding of glassfiber net to shower floor sinks

6

Basin Taps

- Encapsulation /casting of sensors

7

Gasmeter

- Bonding and sealing of diaphragm elements
- FIP-Gasketing of gasmeter housing

8

Electrical Cabinet

- FIP-Gasketing of electrical cabinet

9

Garage doors

- Sealing of windows
- Bonding of element structures

10

Mirrors

- Bonding brackets or frames to mirrors

11

Elevators

- Bonding of elevator cabins
- Bonding of interior panels and components

12

Electronics and Lighting

- Bonding, sealing, encapsulation (casting) of electronic and lighting products

13

Roof Truss

- Bonding of (pre-fabricated) roof truss structures

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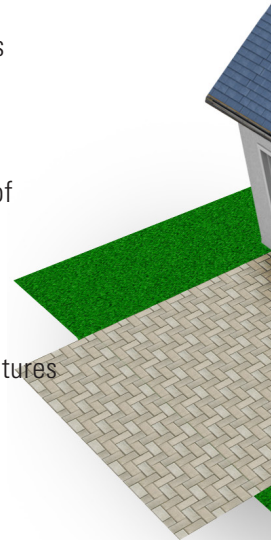
Roofing, Ridge Vents

- Verklebung von Dachfirstlüftungen

15

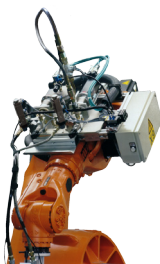
Wall elements

- Assembly bonding of (pre-fabricated) walls



Conti Flow Robot

Configurable gear metering system



Conti Flow Vario

Precision gear metering system



Conti Flow Versa

Versatile two component gear metering and mixing plant for highest precision



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Ventilated Facades

- Bonding of brackets to facade elements
- Bonding of glassfiber net to tile-back

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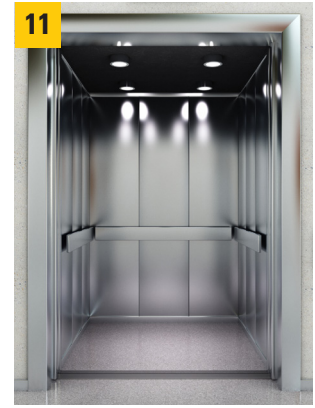
Lightwells

- Preparation of SMC pre-pregs

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Concrete casings

- Bonding and Sealing of concrete casings



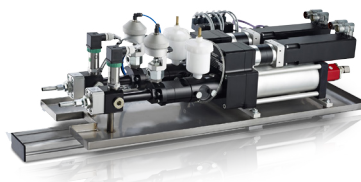
Ecostar evo

Compact and flexible metering and mixing plant for manual application of two component materials



Vecdos eTwin

Precision shot meter system



Conti Foam

1K-PU-Foam gasketing system



PRODUCT-SOLUTION-MATRIX

APPLICATION	MATERIALS	SOLUTION
Sandwich Panels / Isolation - Bonding of sandwich panels - Bonding / Lamination of technical fabrics - Bonding of brackets and threads into panel - Bonding of honeycomb structures	2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Ecostar evo ■ Conti Flow Robot ■ Conti Flow Versa ■ Vecdos eTwin
Air Conditioning and Heating - Assembly bonding of components - FIP-Gasketing of housing and duct parts - Lamination of isolation blankets	2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Conti Flow Robot ■ Conti Foam ■ Vecdos eTwin ■ eZbotic
Roller Shutter Casing - Bonding of isolation blocks - Sealing and FIP-Gasketing of housing	2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Ecostar evo ■ Conti Flow Robot ■ Conti Flow Versa ■ Conti Foam ■ Vecdos eTwin
Doors and Windows - Direct Glazing, Secondary sealing, structural glazing - Bonding of frame structure - Bonding of honeycomb structures assembly bonding of front doors.	2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Robot ■ Conti Flow Vario ■ Conti Flow Versa ■ Vecdos eTwin
Shower Cabins - Bonding and sealing of glass to frame - Bonding of glassfiber net to shower floor sinks	2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Robot ■ Conti Flow Versa ■ Vecdos eTwin
Basin Taps - Encapsulation / casting of sensors	2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Vario ■ Conti Flow Robot ■ ContiPro ■ eZbotic
Gasmeter - Bonding and sealing of diaphragm elements - FIP-Gasketing of gasmeter housing	2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Robot ■ Conti Foam ■ Vecdos eTwin ■ ContiPro ■ eZbotic
Electrical Cabinet - FIP-Gasketing of electrical cabinet	2K Polyurethanes	<ul style="list-style-type: none"> ■ Conti Flow Robot ■ Conti Foam

ANWENDUNGEN

MATERIAL

PRODUKTE

Garage doors - Sealing of windows - Bonding of element structures	2K Epoxies 2K Polyurethanes	<ul style="list-style-type: none"> ■ Conti Flow Robot ■ Conti Flow Versa ■ Vecdos eTwin ■ Ecostar evo
Mirrors - Bonding brackets or frames to mirrors	2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Conti Flow Robot
Elevators (Residential and Commercial) - Bonding of elevator cabins - Bonding of interior panels and components	2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Ecostar evo ■ Conti Flow Robot
Electronics and Lighting - Bonding, sealing, encapsulation (casting) of electronic and lighting products	2K Silicones 2K Polyurethanes 2K Epoxies	<ul style="list-style-type: none"> ■ eZbotic ■ Conti Pro ■ Conti Flow Vario ■ Conti Flow Robot ■ Vecdos eTwin
Roof Truss - Bonding of (pre-fabricated) roof truss structures	2K Polyurethanes	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Ecostar evo
Roofing, Ridge Vents - Bonding and sealing of ridge vents	2K Polyurethanes	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Conti Flow Robot
Wall elements - Assembly bonding of (pre-fabricated) walls - Sealing and FIP-Gasketing of panel connections	1K Polyurethanes 2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Conti Foam ■ Conti Flow Versa ■ Ecostar evo
Ventilated Facades - Bonding of brackets to facade elements - Bonding of glassfiber net to tile-back	2K Polyurethanes	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Conti Flow Robot ■ Vecdos eTwin
Lightwells - Preparation of SMC pre pregs	1K Polyester resins 2K Polyester resins	<ul style="list-style-type: none"> ■ Conti Flow Vario
Concrete casings - Bonding and Sealing of concrete casings.	2K Polyurethanes 2K Silicones	<ul style="list-style-type: none"> ■ Conti Flow Versa ■ Conti Flow Robot
Gas stations, Air ports, Ports and Petro Chemical plants - Sealing of floor seams	2K Polysulfides	<ul style="list-style-type: none"> ■ Ecostar evo



YOUR GLOBAL PARTNER IN **BUILDING AND CONSTRUCTION**

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