WÜRTH

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

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WÜRTH

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

COMPANY PROFILE



WÜRTH

COMPANY PROFILE

Würth Means quality everywhere and every time





VISION | WÜRTH GROUP

Our vision: Becoming the number 1 in the eyes of our customers as the best sales team. As a family business with a strong corporate culture, the Würth Group is very well-positioned to achieve this goal.

OUR MISSION

Our mission is to develop long-standing and mutually beneficial relationships with our customers, suppliers and employees. We provide superior quality products and services that exceed our customer expectations. We are committed to build upon our brand as being synonymous with the best in the industry, a brand that our stakeholders will be proud of.

OUR PRINCIPLES

We request and promote achievements.
The greater the success, the more freedom and liberty.
We are optimistic, dynamic and have powers of self-assertion.
We passionately fight for success.
We consistently pursue everything that has proven to be successful, and we try out new things.
We strive for perfection in every area of our activities.
We assume responsibility for our actions, work in mutual respect and appreciation, are straightforward and predictable in everything we do.
The term we consider most important in dealing with each other is ''Thank You''.

ABOUT WÜRTH GROUP

The Würth Group is the global market leader in its core business:

- Established in 1945 in Germany
- Established in 2000 in UAE
- Around 120,000 products
- The sale and manufacturing of fastening and assembly materials.
- In more than 80 countries, Würth Group has 83,000 employees and 2,400 pickup shops.





OUR STRATEGY

Quality
True to its motto "Quality beats price," Würth is positioned at the very top of the quality spectrum: We do not only offer top-notch quality when it comes to our products, but also for our services.

Würth - a strong brand
We want to inspire our customers – all over the world, with identical quality and the same brand promise. This means that we support our customers actively and in a solution-oriented manner. This way, they can focus on their business. We are working passionately to optimize our products and services constantly.

The sales force is the company's heart and soul
One of our particular strengths and a key to the Würth Group's success story is the system of direct selling through our sales force organization.

More than 33,000 permanently employed sales representatives all over world advise our customers and see to it that craft and industry businesses are offered product solutions tailored to their needs as well as optimal services. Thanks to our specialization through the divisions Automotive, Cargo, Metal, Maintenance, Maritime, Installation, Industry, Construction, Wood, every sales representative is a competent contact in his/her line of business, ensuring individual advice. This approach makes Würth a reliable partner for its 3.9 million customers worldwide.

Active in the market over 80 countries
We are a global player and currently active on all five continents with more than 400 Würth companies. Thanks to this strong presence, our customers, be they a small craft enterprise or an international industry business, can reach us easily. They are certain to receive Würth's top-rate product and service quality wherever they may be.

At the same time, the Würth Group's decentralized structure provides the possibility to react flexibly to the requirements of local markets and answer to individual needs.



"Sports, Fun & Games in the Würth Collection": The exhibition at Kunsthalle Würth in Schwäbisch Hall focuses on the phenomenon of leisure on 1st November 2022.

WÜRTH CARES

The Würth Group and the Würth Foundation contribute to a vibrant cultural landscape and the people's social welfare. The Group runs, for instance, five museums in the German Hohenlohe region and another ten associated galleries across Europe that display international works of art, mainly from the Würth Collection. Würth Philharmoniker as the musical ensemble of Reinhold Würth Musikstiftung gGmbH is the result of the Group's involvement in classical music. In addition, the Würth Group ond the Würth Foundation are committed to helping people with a disability. Hotel-Restaurant Anne-Sophie and our commitment at the Special Olympics ore examples for this. Another focus is on education and research, be that at Freie Schule Anne-Sophie schools, funded by the Würth Foundation, or Reinhold Würth Hochschule. The Würth Group's main sports sponsoring focus is on soccer and winter sports.

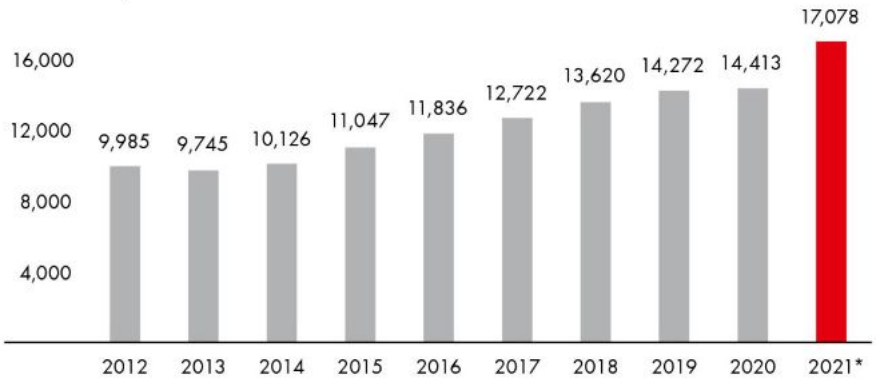
The Würth Group also lives up to its environmental responsibility. Being carbon neutral and operating in a circular way are focus topics. Adolf Würth GmbH & Co. KG wants to be carbon-neutral at all sites in Germany by 2024. The Sustainability Report that will be published in the fall of 2022 will contain information about the Group's sustainable activities.

FACTS AND FIGURES

Würth Group 2021

Sales

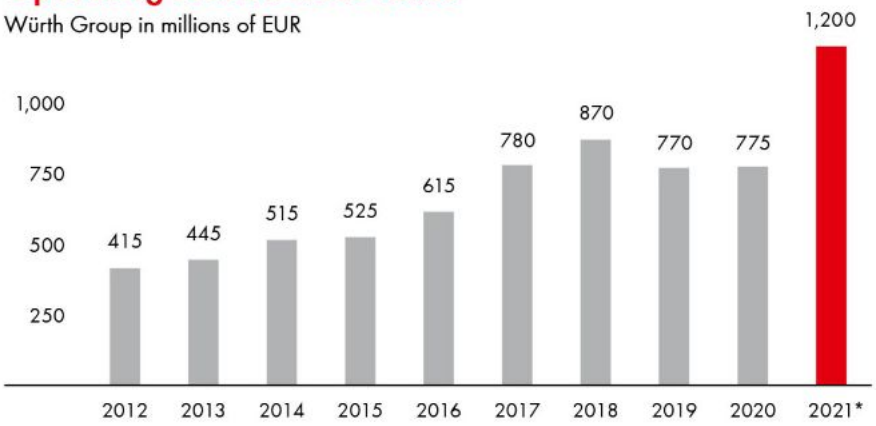
Würth Group in millions of EUR



* preliminary

Operating result before taxes

Würth Group in millions of EUR



The consolidated financial statements of the Würth Group are prepared in accordance with the International Financial Reporting Standards (IFRS).

*preliminary

Employees

Würth Group as of 31 December



THE 2021 FISCAL YEAR

According to the preliminary annual financial statement, **the Würth Group** reported a sales volume of EUR 17.1 billion in 2021 (2020: EUR 14.4 billion), corresponding to a plus of 18.5 percent or 19.0 percent adjusted for currencies. In Germany, the Würth Group's sales grew by 14.1 percent to EUR 6.9 billion (2020: EUR 6.1 billion). With EUR 10.2 billion (2020: EUR 8.3 billion), the Würth companies abroad achieved even more successful results.

According to the preliminary consolidated financial statements, **the operating result** of the Würth Group is clearly up on the previous year with EUR 1.2 billion (2020: EUR 775 million).

The number of employees increased by 4,044 to 83,183 in 2021 (2020: 79,139 employees). In Germany, the number of employees amounts to 25,438. Around the world, the Würth Group employs more than 33,000 sales representatives.

New administration building

In close proximity to the main administration building at the Künzelsau-Gaisbach site, Würth plans to build a new office and administration building. It will be a 49-meter high-rise offering around 375 work spaces. Adolf Würth GmbH & Co. KG launched an international architectural design contest for the planning and implementation of this construction project. Stuttgart-based architects ORANGE BLU building solutions won with its "sculpture of sustainability" design. The focus of this building project is on sustainability and circular economy: It will be based on a hybrid wood construction. The high proportion of prefabricated wood elements will reduce the carbon footprint.

The new building is a clear commitment of the Group to the development of the Hohenlohe location, while also corroborating the further growth of the Würth Group's parent company.

THE CORPORATE GROUP

The success story of the Würth Group

Adolf Würth laid the foundation in 1945 when he set up Adolf Würth GmbH & Co. KG in Künzelsau, today's parent company of the Würth Group. After his father's early death in 1954, Reinhold Würth took over at the helm of the family business at the age of 19. The company began to expand into international territory in 1962 as the first foreign company was founded in the Netherlands. Today, the Würth Group is the global market leader in its core business: the sale and manufacturing of fastening and assembly materials. The Würth Group is operating worldwide and currently consists of more than 400 companies with more than 2,400 pick-up shops in over 80 countries. The group of companies has more than 83,000 employees.

The Operational Units of the Würth Group

The Würth Group is divided into two operational units: Würth Line and Allied Companies. In the Würth Line's core business, the sale and manufacturing of assembly and fastening materials, the Würth Group is a firmly established market player. Offering a range of more than 125,000 products, Würth is a reliable partner for more than four million customers from the trades and industry. Other trading and production companies, known as the Allied Companies, operate in related business areas, ranging from electrical wholesale and electronics to financial services. The performance of the Würth Group is distinguished by customer proximity, services and excellent quality.



Construction works of the new administration building in Künzelsau are scheduled to begin in 2024.

Würth Gulf

is part of The Würth Group. We are the supplier of Fasteners, Automotive Chemicals, Hand Tools & Electrical Supplies also Construction Assembly Items, Sealants, Power Tools & Safety Solutions.
Established in 2000, Würth Gulf FZE is one of the leading suppliers in the Middle-East. Existing industrial companies and developing organizations alike can benefit from the uparalleled selection, quality and unbeatable service that is synonymous with the Würth brand.



OUR VISION

Becoming the number 1 in the eyes of our customers as the best and most qualified sales team.

OUR MISSION

We love selling.
We inspire our customers.

OUR PRINCIPLES

We request and promote achievements.
The greater the success, the more freedom and liberty.
We are optimistic, dynamic and have powers of self-assertion.
We passionately fight for success.
We consistently pursue everything that has proven to be successful, and we try out new things.
We strive for perfection in every area of our activities.
We assume responsibility for our actions, work in mutual respect and appreciation and are straightforward and predictable in everything we do.
The term we consider most important in dealing with each other is "Thank You".

ABOUT WÜRTH GULF

Is part of The Würth Group. We are the supplier of Fasteners, Technical Chemicals for variety of applications, Hand Tools & Electrical Supplies also Construction, Assembly Items, Sealants, Power Tools & Safety Solutions.

Established in 2000, Würth Gulf FZE is one of the leading suppliers in the Middle-East. Existing industrial companies and developing organizations alike can benefit from the unparalleled selection, quality and unbeatable service that is synonymous with the Würth brand.



COMMITMENT

Art /// Music /// Literature
/// Social Affairs /// Sports ///
Research /// Teaching /// Architecture
/// Education /// Further Training ///

Würth takes responsibility in many areas of life.
This open square at Salzburg University is a meeting place for students from all over the world, making it the ideal setting for the roofless *Awilda*, a sculpture by the Catalan artist Jaume Plensa. The marble sculpture, on permanent loan from the Würth Collection, is one of the stops on the "Walk of Modern Art" in downtown Salzburg.

DIVISIONS

AUTOMOTIVE

Targets customers like car garages, vehicle fleets, automotive refurbishers and dealers. Including authorized dealerships of car manufacturers and independent workshops as well as special shops and service providers. Concentrates on consumables for repairs to chemical-technical products for maintenance, servicing and bodywork, and tools for pneumatic and electrical machines.

- **Cargo Subdivision**

Targets customers like authorized dealers and independent workshops as well as specialized workshops and commercial vehicle service providers. Concentrates on fastening, assembly and cleaning products required especially for the maintenance, repair and servicing of commercial vehicles in these segments.

CONSTRUCTION

Encompasses all sales units responsible for serving customers in the buildings industry, extension and facade, finishing trades, construction companies, roofers, plasterers, stucco masons, dry construction firms and direct supplies to building sites.

- **CSPM Subdivision**

Construction-Site-Project-Management Division focuses on larger scale building contractors civil engineering and road construction and offers customized logistics solutions, such as building site containers filled with products.

METAL

Targets customers like metalworking and metal processing industries such as metal & steel fabricators, filters, and machine & vehicle manufacturers. Concentrates on requirements of anchor & dowel systems, tools & electrical machines as well as DIN and standard parts for operating & processing variable metals.

- **Maintenance Subdivision**

Targets customers like in-house repair shops of industrial enterprises, facility and installation maintenance of hotels, airports, sewage plants, clinics and hospitals, theaters, recycling companies as well as garden and landscape specialists. Concentrates on complete product range for minor repairs and products for servicing, maintenance and care.

WOOD

Targets customers in the entire woodworking and wood processing trade, typically interior design and decoration, furniture, windows and doors , exhibition stand manufacturing and installation. Concentrates on product spectrum covers furniture fittings, the entire range of fastening materials and sealing technology as well as tools, machines, abrasives and chemical-technical products.



SUSTAINABILITY AT WÜRTH

Environment

As Robert Friedmann, Chairman of the Central Managing Board of the Wurth Group, says "Responsibility is embedded in our DNA".

At Würth Gulf we care about our environment. Throughout our business processes we focus on minimising the environmental impact. We are continuously improving in this space.

Climate change, scarcity of natural resources, increasingly short economic cycles and demographic change are factors that endanger sustainable development.

At Würth Gulf we are aware of our corporate responsibility within the industry and strive to strengthen sustainable development in all aspects of our business.

The connection of economic performance with environmental responsibility and social justice

At Würth Gulf, we follow the globally recognised three-pillar model of sustainability. The model represents the connection of:

- Economic performance with
- Environmental responsibility and
- Social justice.

These three dimensions of sustainability are equally important. Acknowledging their mutual dependency paves the way for a change of mindset from a linear economy to a circular economy.

Environmental Management

For us, environmental protection involves measures that serve to:

- Minimise the impact of our operations on the environment
- Protect human health
- Conserve national resources

This includes knowing, documenting and observing legal requirements, the proper disposal of waste, sustainable packaging strategies, logistics and customer solutions as well as the increasing use of digital media, among other things.

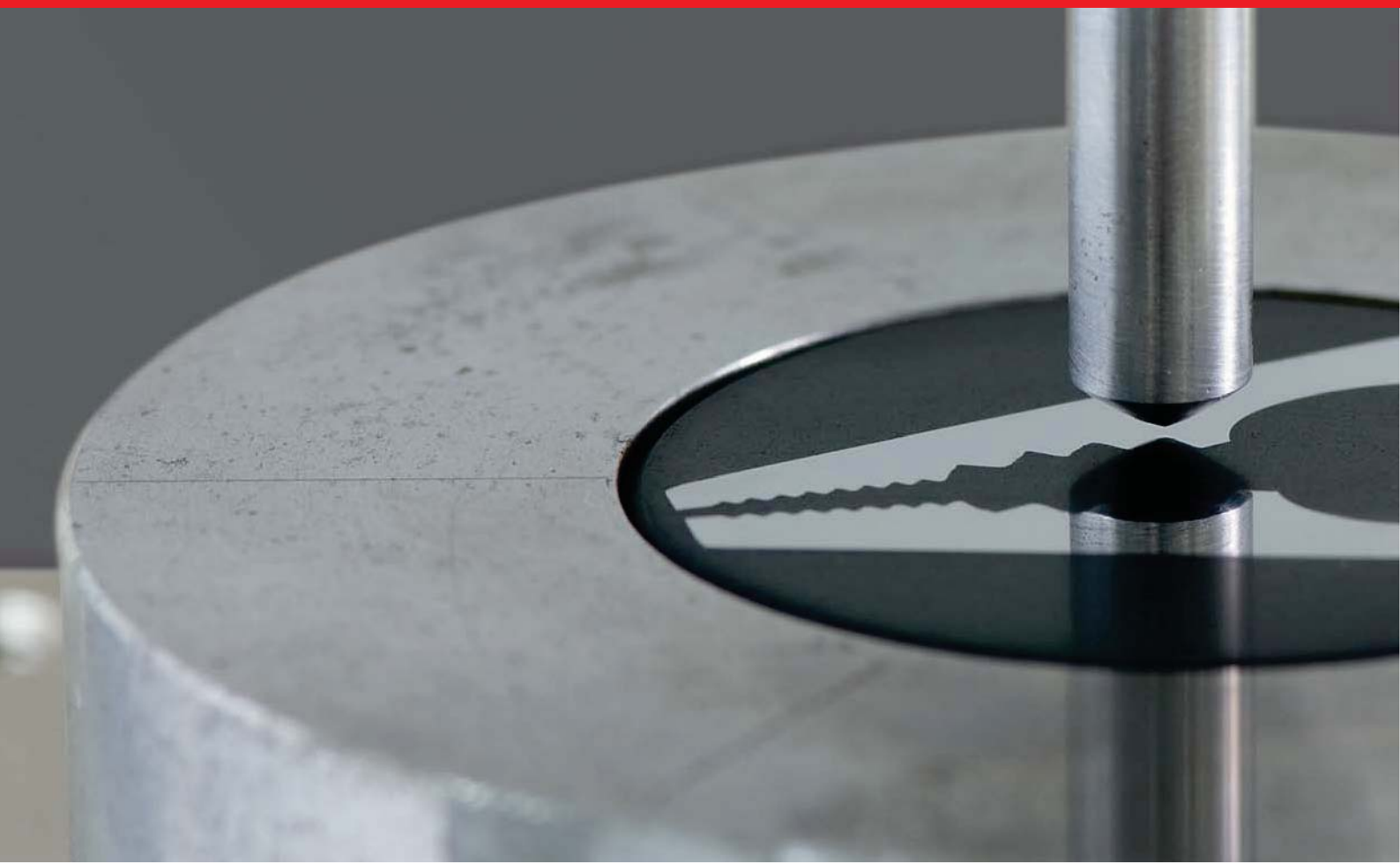
Since 2015, we have been certified in accordance with ISO 14001. Operating an environmental management system according to the principle of continual improvement is an integral part of our business objectives.



WÜRTH

WÜRTH IS QUALITY

Everywhere and every time



PREFACE

Ladies and Gentlemen, dear customers,

In practice, the quality of a product or service is measured by the degree to which customers' expectations are fulfilled.
Prof. Dr. h. c. mult. Reinhold Würth, Chairman of the Supervisory Board of the Würth Group's Family Trusts, goes one step further by setting this goal: "We have to inspire our customers in every way."

All our employees are well aware how important it is to reliably fulfill customers' wishes – your wishes and your orders – day in and day out.

This is why Würth's vision for quality is:

WÜRTH IS QUALITY
everywhere & every time

By providing quality products and services, we want to "take the load off your back", and we also want to give you the opportunity to increase your productivity and efficiency through innovative solutions.
This enables you to focus on your customers' needs, thereby increasing your success.

To assure you that the quality is there, we make no compromises, especially when it comes to selecting suppliers and when testing and approving Würth products. Würth strives for optimum quality in every market segment. Before we include products in our sales line, it is subjected to fatigue tests at our testing laboratory for days and sometimes even weeks under real-life conditions. In fact, most testing is carried out under tougher conditions that are seen in practice.

Würth operates a worldwide network of testing laboratories with first-rate equipment and a well-trained, motivated team of quality managers who act locally and globally to guarantee our quality standards.

Würth also works together with external testing laboratories where practicable to enable a third party to confirm the fulfillment of your specifications, national and international standards and Würth's own specifications.

Another focal point of our efforts in the area of quality management is the selection of the most suitable suppliers and their obligation to manufacture products in accordance with our quality standards.

The most environmentally friendly manufacturing of products and the use of appropriate materials are naturally of critical importance to us.

Of course we are also aware that the quality of the business processes of our company are crucial in determining your satisfaction. Our quality management systems are process oriented and the requirements are defined globally for Würth.

The central organ of the Würth Group in matters of quality is the Würth Quality Team (WQT). This team's job is to promote quality consciousness and quality, to point out improvement opportunities and necessities and to continuously support improvement processes. This work is supplemented within the Würth line at the so-called Quality Competence Center and, naturally, by a large number of teams at the individual companies.

In this brochure, we want to provide you with an overview of the instruments and people with whom we are working in the areas of
- Quality and environmental management (pages 3 – 5)
- Supplier qualification (page 6)
- Quality assurance (page 7)
- Testing laboratories in the Würth network (pages 8 – 19)

in order to fully live up to the "Würth is quality – Everywhere and every time" reputation.

Sincerely,



Dr.-Ing. Siegfried Beichter
Head Quality Management Würth Group

QUALITY MANAGEMENT WITH A SYSTEM

At the parent company of the Würth Group, Adolf Würth GmbH & Co. KG in Künzelsau, we have held an awareness for the demands, questions and problems of our customers as a focal point of our quality philosophy for a long time.

This is why, in 1993, we decided to have our quality-management system certified in accordance with DIN EN ISO 9001 by an external institution, the TÜV Süd certification agency. Using DIN EN ISO 14001, we are forming a process-oriented integrated management system which paves the way for continual improvement of our services.

Important elements of this system include determining customer satisfaction, evaluating effectiveness by the company management, continual improvement of the processes using internal audits, ensuring product quality through systematic and consistent testing, fair evaluation of suppliers, efficient complaint processing for monitoring of our products on the market and our own initiative for continual improvement of work routines to increase customer satisfaction.

The performance of this entire system is tested through monitoring audits carried out annually by TÜV Süd and re-certification audits by independent experts carried out every 3 years. At the last re-certification audit in November of 2010, we verified the conformity of our system with DIN EN ISO 9001:2008. This certification attests to our exceptional customer orientation and very keen quality consciousness.

Our distinct customer orientation was rewarded eventually with the German Customer Champion Award 2010.



ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

WÜRTH

Adolf Würth GmbH & Co. KG
Reinhold-Würth Str. 12-17
D-74653 Künzelsau

has established and applies
a Quality Management System for

Development and sales of fasteners and storage systems.
Sales of standard parts, chemical products, plugs, fittings,
electric and power tools, personally work protection,
fire protection systems, building products,
vehicle storage systems.

An audit was performed, Report No. 70020920
Proof has been furnished that the requirements
according to

ISO 9001:2008

are fulfilled. The certificate is valid until 2013-11-05
Certificate Registration No. 12 100 23791 TMS

Munich, 2010-11-18

QMS-TGA-ZM-07-02

TÜV SÜD Management Service GmbH • Zertifizierungsstelle • Ridlerstraße 65 • 80339 München • Germany TÜV®



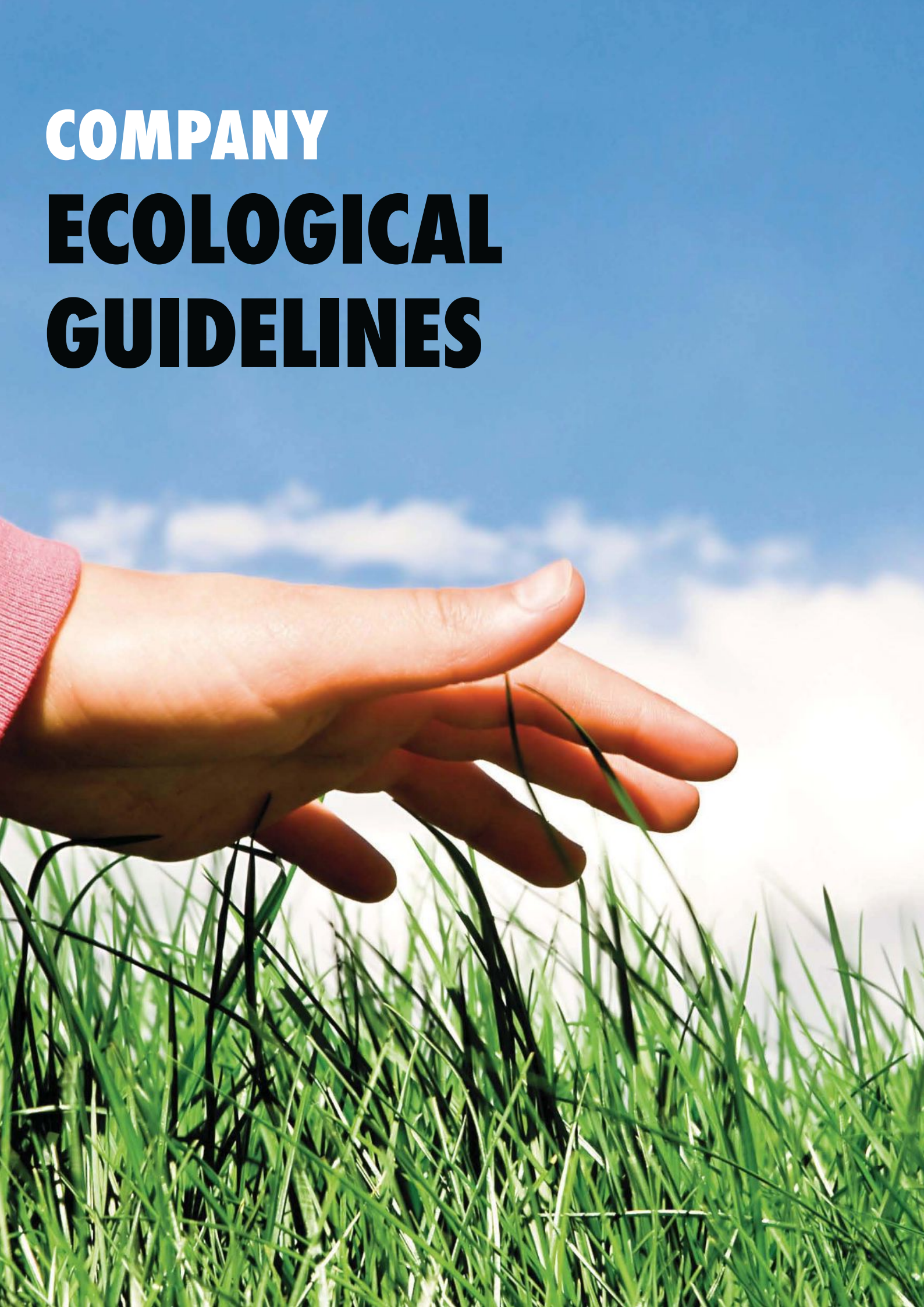


Dr.-Ing. Siegfried Beichter
Quality Management Würth Group

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siegfried.beichter@wuerth.com

COMPANY
ECOLOGICAL GUIDELINES



Company ecological guidelines

Adolf Würth GmbH & Co. KG has integrated environmental protection into its company philosophy as a main pillar and has been certified in the area of environmental management in accordance with DIN EN ISO 14001 since 1996. The company philosophy includes a clear commitment to environmental protection which is expressed in the preamble as follows.

Adolf Würth GmbH & Co. KG strictly adheres to the law in all the states of Germany and is obligated to comply with the principles of the social market economy and the health of people and the environment. We also strive to continually improve our company's environmental protection practices.

Our commitment to environmental protection has yielded the following five company ecological guidelines:

- **Actively work to protect health and the environment in all areas** of our doing and to use this for standing out against competition.
- **Expansion of ecological Würth products and service strategies** with the goal of offering our customers the best health protection modern technology can offer.
- **Acceleration of the development of new ideas for the safety and health** of people and the environment.
- **Motivation of our employees to deal in an environmentally conscious way** at the workplace and privately through information and training.
- **When selecting our product ranges and suppliers,** we ensure that the manufacture, use and consumption of products cause as little harm to the environment as possible by using state-of-the-art technologies.

Environmentally responsible product portfolio

The ecologically minded product and service strategies of Adolf Würth GmbH & Co. KG (AW KG) benefit customers and protect the environment from additional pollution.

For its service to environmental protection, AW KG was recognized at the 1998 "Environment Award for Companies" ceremony in the state of Baden-Württemberg.

In 2009, AW KG received the environmental technology prize from the state of Baden-Württemberg in the "material efficiency" category for the VKP Trio Sealing Tape.

Ecological product lines and application solutions

- ECOLINE
- WÜRTH isi!! – Online hazardous material management
- REFILLO®MAT



Goals of environmental management

Protection of the environment has long been a constituent part of Adolf Würth GmbH & Co. KG and includes the following tasks:

- Specification and implementation of a location-based environmental policy, environmental program and environmental goals.
- Systematic and objective regular assessment of the performance of these instruments.
- Provision of information on internal environmental protection for the company, the public and especially for our customers.

Environmental challenges for the future

- Environmentally minded product range creation
- Minimization of environmental risks
- Waste avoidance
- Responsible handling of natural resources



Bianca Gilsdorf
Environment management

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bianca.gilsdorf@wuerth.com

TECHNICAL
SUPPLIER QUALIFICATION

Würth seeks out the best suppliers in the world!

Würth's high demand for quality is placed at the very beginning of our supply chain with our global partners. In addition to process and product quality, the factors of delivery dependability, the environment and social aspects are "on the test rig". Trained auditors with highly comprehensive knowledge about the processes involved in creating new products and services test these products on site. Along with our quantitative and qualitative growth, supplier development activities are continuously being expanded and further developed according to the expectations of our customers.

To ensure an optimum audit process, we have at our disposal a host of customized tools for audits ranging from short half-day audits to supplier-development audits to comprehensive, multi-day audits. These tools are standardized methodically at the largest companies, which means that the results can be compared with and applied at other locations. We offer our knowledge at multi-day lectures and workshops at the Würth Academy.

The goals of supplier development are to ensure quality and environmental obligations, long-term cooperation with partners and reductions in nonconformity costs. What motivates us in supplier development are customers who enthusiastically use their product, purchased for the fairest price, and can rely on "their Würth".









Andreas Dierolf
Quality assurance
and supplier qualification

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74653 Künzelsau, Germany

Phone: +49 7940 15-2349
andreas.dierolf@wuerth.com

PERFORMANCE
OF QUALITY ASSURANCE

Quality beats price – quality assurance at Würth

To assure the customer that the quality is 100% there, we make no compromises when it comes to selecting suppliers and when testing and approving Würth products. Würth demands the best possible product quality in each respective market in order to meet all our customers' demands. They are the ones who decide whether or not a product is good.

Engineers, technicians and masters of their craft work on the following tasks for quality assurance:

- Initial sample testing
- Incoming goods inspection
- Complaint processing
- New product testing



Incoming products are subjected to an incoming goods inspection in accordance with the random sample plan. This is oriented toward DIN ISO 3269 and forms the basis for the scope of the random sample based on the delivery quantity.

The inspections are checked as per specifications of the standard and internal inspection instructions from independent professionals. All inspection equipment used is regularly calibrated.

New products are subjected to special requirement profiles by the quality assurance personnel. If the inspection yields positive results, approval is granted by quality assurance.

An important component of our success is the internal development of innovative products. Here, quality assurance works very closely with the product management and development departments and accompanies development projects through practice-oriented tests and determination of product requirements from the get-go.

The customer is an important part of our continual product-improvement process. All customer complaints are evaluated on a weekly basis. The quality assurance team responds immediately to increases in key figures so that solutions to possible problems can be developed early on.
Typical measures include inventory checks, supplier development, product optimization, 8D reports and the avoidance of usage errors through improved product information while taking the information gleaned from customers into account.



THE LARGEST TESTING LABORATORIES OF THE WÜRTH LINE



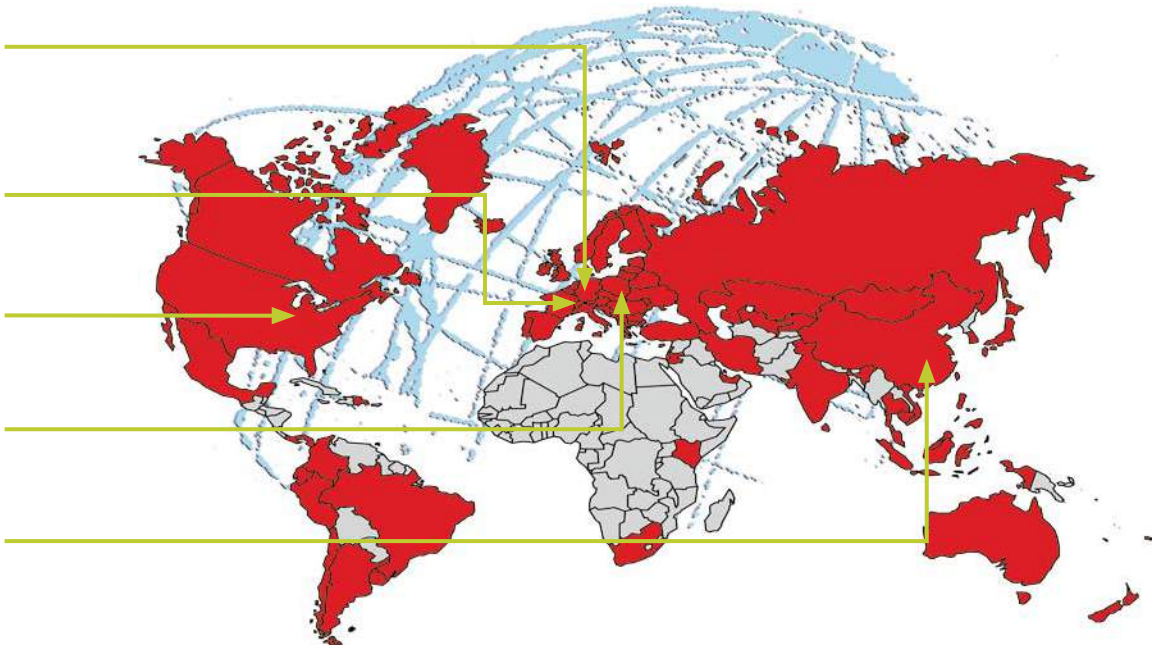
Germany
Künzelsau-Gaisbach,
Bad Mergentheim

Switzerland
Chur

US
Indianapolis

Slovakia
Bratislava

China
Shanghai



= Würth companies worldwide

ACCREDITED WÜRTH TESTING LABORATORY

The growing demands of the global market and our customers have led Adolf Würth GmbH & Co. KG to make the decision to establish an independent material-technical testing laboratory in accordance with the requirements of DIN EN ISO/IEC 17025.

Thanks to the professional competence in materials and anchor technology and the confidential handling of information and protection rights, the laboratory serves as a superordinate testing location within the Würth Group.

Altogether, six employees with over 70 years of combined professional experience and various professional backgrounds, e.g. master mechanics and metal industry tradesmen, structural engineers and chemical engineers, attend to your concerns. This ensures not only high testing quality, but also a professional interpretation of the measurement values.

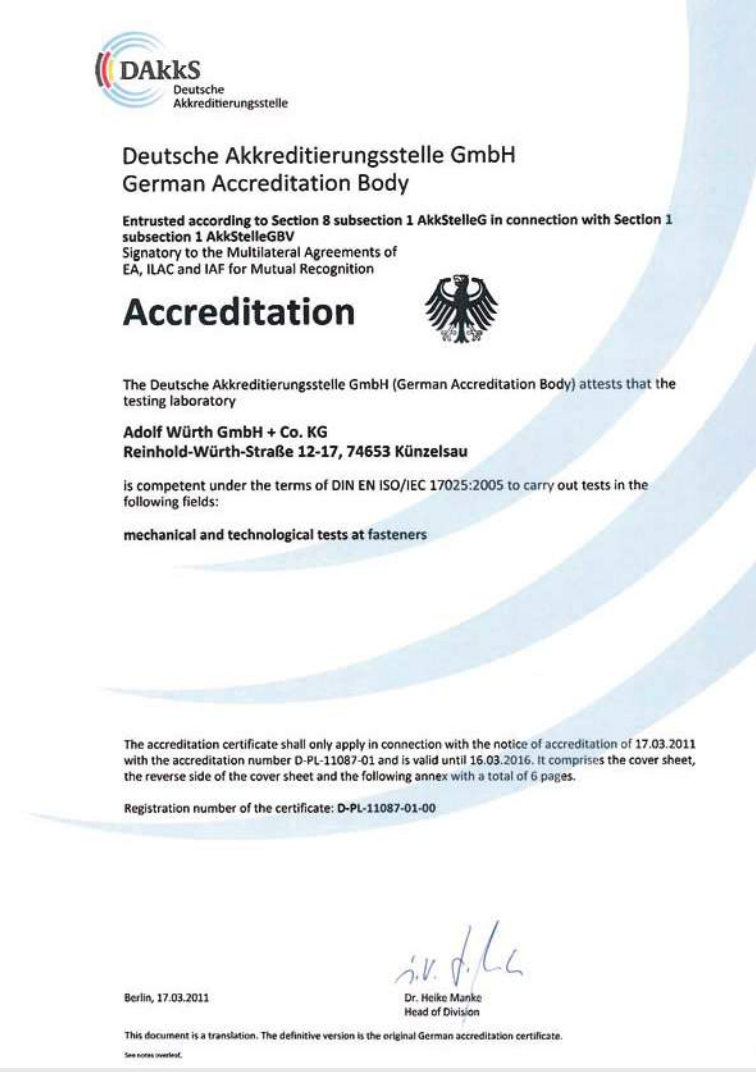
We offer our customers fast and competent processing of their orders. Since the Würth testing laboratory is located at the Künzelsau location, and is therefore close to the central warehouse of Adolf Würth GmbH & Co. KG, quick access to Würth products is possible. This enables us to respond quickly to possible special needs of your order.

Our accreditation certification with appendix can be found on our homepage or directly on the website of the DAkkS under laboratory number D-PL-11087-01-00.

For inquiries or more information on the Würth testing laboratory, we stand ready to assist you.

Jan Kobald
Würth testing laboratory




DAkkS
Deutsche
Akkreditierungsstelle

Deutsche Akkreditierungsstelle GmbH
German Accreditation Body

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV
Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation

The Deutsche Akkreditierungsstelle GmbH (German Accreditation Body) attests that the testing laboratory

Adolf Würth GmbH + Co. KG
Reinhold-Würth-Straße 12-17, 74653 Künzelsau

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the following fields:

mechanical and technological tests at fasteners

The accreditation certificate shall only apply in connection with the notice of accreditation of 17.03.2011 with the accreditation number D-PL-11087-01 and is valid until 16.03.2016. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 6 pages.

Registration number of the certificate: D-PL-11087-01-00

Berlin, 17.03.2011

Dr. Heike Manke
Head of Division

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf.



Hermann Müller
Würth testing laboratory

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ADOLF WÜRTH GMBH & CO. KG TEST LABORATORY
TESTING OPTIONS (EXCERPT)

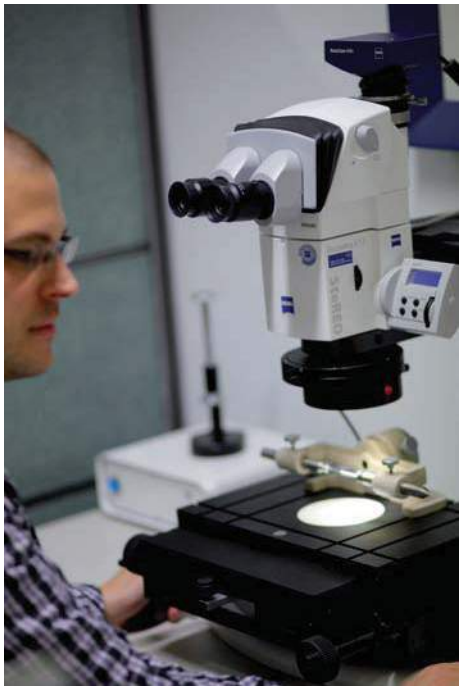


Tension testing machine
- Tensile test/compression test of components
- Strength testing of bolts and nuts





Screw-in test (right)
Internal development:
Measurement of the screw-in times of non-self-drilling and self-drilling screws





Vickers hardness tester (right)
Hardness test in accordance with DIN EN ISO 6507
- Determination of edge and core hardness
- Hardness progression curves

Measuring microscope (left)
Contact-less measurement of geometries







Robot test rig

a) Grinding
b) Cutting
c) Hammer drilling

a) Grinding test

- Grinding, flap and fiber disks
- Endurance test
- Material removal/ loss of material on disk
- Time/performance recording

b) Cutting disk test

- Cutting disks from 115 – 230 mm
- Number of seperating cuts/ loss of material on disk

c) Hammer drilling test

- SDS plus, SDS max
- Endurance test
- Drilling time, number of drill holes

WÜRTH

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

TRADE LICENSE



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GOVERNMENT OF DUBAI

DUBAI
للاقتصاد والسياحة
Economy and Tourism

رخصة تجارية
Commercial License

License Details / تفاصيل الرخصة

License No.	572033	رقم الرخصة	
Company Name	WURTH GULF (L L C)	اسم الشركة	وورث جلف (شركة ذات مسئولية محدودة)
Business Name	WURTH GULF (L L C)	الاسم التجاري	وورث جلف (ش ذ م م)
License Category	Dep. of Economic Development	فئة الرخصة	دائرة التنمية الاقتصادية
Legal Type	Limited Liability Company - Single Owner(LLC - SO)	الشكل القانونى	شركة ذات مسؤولية محدودة - الشخص الواحد (ذ.م.م)
Expiry Date	05/08/2026	تاريخ الإنتهاء	Issue Date 06/08/2005 تاريخ الإصدار
D&B D-U-N-S ® N	561529749	الرقم العالمى	Main License No. 572033 رقم الرخصة الام
Register No.	1778252	رقم السجل التجارى	DCCI No. 99967 عضوية الغرفة

License Members / الاطراف

رقم الشخص/No.	الإسم / Name	الجنسية / Nationality	الصفة / Role	الحصص / Share
1162256	وورث جلف م م ح WURTH GULF FZE	United Arab Emirates / الامارات	Shares Owner / مالك حصص	100.00%
1070435	جيان لوس مارسيل تيسمار JEAN LUC MARCEL THESMAR	فرنسا / France	Manager / مدير	
1162255	موكانى توفيق احمد موكانى اقبال احمد MOOKANE THAUFEEQUE AHMED MOOKANE IQBAL AHMED	الهند / India	Manager / مدير	

License Activities / أنشطة الرخصة

النشاط	الحالة	Status	Activity
تجارة المواد المقاومة والمانعة لإنتشار الحريق	فعال	Active	Fire Resistant & Retardant Materials Trading
تجارة عامة	فعال	Active	General Trading

Print Date 07/08/2025 20:09 تاريخ الطباعة

Receipt No. رقم الإيصال

الإمـــارات
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العنوان / Address

صندوق بريد	17036	P.O. Box	
رقم القطعة	613-767	Parcel ID	
البريد الإلكتروني	mohamed.elsadig@wurth.ae	Email	

محل 02 ملك علي احمد خلفان - بردبي - راس الخور الصناعية الثانية

تليفون	971-4-8834229	Phone No	
فاكس	971-4-8834303	Fax No	
هاتف متحرك	971-50-7098917	Mobile No	

الملاحظات / Remarks

نقل الموقع بتاريخ 5/5/2015

رقم الإيصال Receipt No.

تاريخ الطباعة 20:09 07/08/2025 Print Date

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GOVERNMENT OF DUBAI

دبي للاقتصاد والسياحة
Economy and Tourism

شهادة شهر قيد شركة فى السجل التجارى
Commercial Register

تفاصيل القيد / Register Details

رقم القيد	1778252	Register No.	
الاسم التجاري	وورث جلف (شركة ذات مسئولية محدودة)		
الشكل القانونى	شركة ذات مسؤولية محدودة - الشخص الواحد (ذ.م.م.)		
تاريخ الإصدار	03/08/2005	Reg. Date	
الرقم العالمي	561529749		

Main Lice. Nr	572033	رقم الرخصة الأم	
Business Name	WURTH GULF (L L C)		
Legal Type	Limited Liability Company - Single Owner(LLC - SO)		
Expiry Date	05/08/2026	تاريخ الإنتهاء	
D&B D-U-N-S ® No.			

تفاصيل راس المال / Capital Details

الإسمى	300,000.00	Nominated	
المدفوع	300,000	Paid	
عدد الأسهم	300	No. of Shares	
العملة	درهم إماراتي	Currency	UAE Dirhams

عنوان الرخصة / License Address

عنوان السجل التجاري / Commerce Address

محل 02 ملك علي احمد خلفان - بردبي - راس الخور الصناعية الثانية

أنشطة السجل / Register Activities

تجارة المواد المقاومة والمانعة لإنتشار الحريق	Fire Resistant & Retardant Materials Trading
تجارة عامة	General Trading

Print Date	07/08/2025	20:09	تاريخ الطباعة	Receipt No.	رقم الإيصال

الإمارات
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الفروع / Branches

رقم الرخصة License No	الاسم التجارى Business Name
961444	وورث جلف (ش ذ م م) (فرع) WURTH GULF (L L C) (BRANCH)
1007865	وورث جلف (ش ذ م م) (فرع) WURTH GULF (L L C) (BRANCH)
1218999	وورث جلف (ش ذ م م) (فرع) WURTH GULF (L L C) (BRANCH)

يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/ اتصالات) للحصول على اذن الدفع.

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Receipt الرصيد

Receipt Date	**07/08/2025**	**تاريخ الإيصال**	**Receipt No**	**16705333**	**رقم الإيصال**
Business Name	WURTH GULF (L L C)			ورث جلف)ش ذ م م(	**اسم الشخص**
Procedure	Renew License,Modify Location			Renew License,Modify Location	**نوع الاجراء**
P.V.Nr.	**24404931**	**رقم إذن الدفع**	**License Nr.**	**572033**	**رقم الرخصه**
Payment Mode	eGovernment Online Payment			eGovernment Online Payment	**كيفية الدفع**
Amount in Words	Twenty One Thousand Eight Hundred and Fifteen Dirhams			واحد وعشرون الفا وثمانمئة وخمسة عشر درهما	**القيمة بالحروف**

Print Date 07/08/2025 20:09 **تاريخ الطباعة** **Receipt No.** **رقم الإيصال**

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حكومة دبي
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Economy and Tourism

عزيزي التاجر،،

يرجى اخذ التعليمات التالية بعين الاعتبار:

1. عدم القيام بتغيير موقع الترخيص والانتقال الى موقع اخر دون الحصول على موافقة الدائرة.

2. ضرورة ان يكون الاسم التجاري المدون على اللافتة مطابق للاسم المدون بالرخصة مع ضرورة كتابته بحجم واحد.

الحرص على أن تكون اللافتة باللغتين العربية والانجليزية و بالشكل التالي:

- يكتب الاسم التجاري باللغة العربية في يمين اللافتة وباللغة الإنجليزية تجاه اليسار.

- يكتب الاسم التجاري باللغة العربية بنفس حجم الاسم المكتوب باللغة الانجليزية

- يكتب الاسم التجاري باللغة العربية أعلى الاسم المكتوب باللغة الانجليزية

3. الحرص على استخراج تصريح للافتات الاضافيه والعلامات التجارية على اللافتة.

4. عدم تظليل الواجهة أكثر من 50%

5. عدم العمل لساعات اضافية بعد الساعة 12:00 بعد منتصف الليل الا بعد استخراج تصريح.

6. عدم اجراء التنزيلات او التصفيات او العروض الخاصه بدون تصريح.

7. عدم اجراء اي تعديل او تغيير بيانات الترخيص الا بعد الرجوع للدائرة.

8. الالتزام بكتابة الاسعار على السلع والبضائع.

9. طباعة ووضع بطاقة حماية المستهلك (كن على حق واعرف حقوقك كمستهلك) في مكان بارز من موقع الدائرة www.consumerrights.ae

10. للمستهلك الحق في الحصول على فاتورة الشراء.

11. الاعلان عن سياسة البيع للمستهلك عبر وسيلة اعلان مناسبة شاملة (لعملية الاسترجاع او الاستبدال او الاصلاح للسلع)

12. عدم الترويج عن منتج عن طريق المندوبين، أو الاتصال أو غير ذلك وعدم البيع بطريقة المناداه

13. استخراج تصريح لمستودعات التخزين الخاصة بالمنشأة المرخصة أو تصريح للمكاتب الإضافية أو الاكشاك.

14. يجب على المطاعم وضع قائمه الطعام باللغتين العربيه والانجليزيه.

15. يجب وضع واعتماد قائمة الاسعار الخاصة بالصالونات الرجالية والنسائية ووضعها في مكان بارز.

16. يجب ان تكون الاسعار المعلنه مشمولة القيمة المضافه 5%

17. يجب عرض الفاتورة بشكل تفصيلي موضحا فيها القيمه الاجماليه للسلع والخدمات وقيمة الضريبه المضافه.

18. عدم القيام بالترويج او البيع او العرض لأية بضائع مقلدة أو مغشوشة.

Dear Merchants,

Kindly take the following instruction into high consideration:

1. It is not allowed to change the location registered in the license to move to another address unless DET approval is obtained.
2. The business name on the signboard must conform to the name mentioned in t license and typed in one size.

The business name must be in both Arabic and English as follows:

- The business name in Arabic must be placed on the right hand side of the signboard whereas the English text on the left hand side.
- The Arabic text must be in same size of the English equivalent
- The Arabic business name must be placed above the English equivalent.

3. A commercial permit must be issued for additional signboards and for placing trademarks on the signboard.
4. Text must not occupy more than 50% of the signboard.
5. Shops operating hours must not exceed 12:00 am unless a permit is issued.
6. Discounts, sales or special offers must not be announces unless a permit is issu
7. It is not allowed to apply any amendments or change the license details unless approved by DET.
8. Prices must be placed on products and goods.
9. The Consumer Protection Card (Be Right and Know Your Consumer Rights) mu be typed and placed visibly above the DET website www.consumerrights.ae
10. Consumers have the right to receive a purchase receipt.
11. Announce the sale policy to consumer through suitable applicable channels (t clarify procedures for goods replacement, repair and refund).
12. It is not allowed to promote products through agents, telephone calls, or othe ways or yelling.
13. Permits must be issued for warehouses of licensed business or additional offi or kiosks.
14. Restaurants must place a menu in both Arabic and English languages.
15. Place an approved price list for services provided by ladies and gentlemen salons at a visible area.
16. The displayed price list should be inclusive of 5% VAT
17. Invoices must clearly reflect the total amount of the purchased goods, service and VAT.
18. Avoid promoting or selling or displaying any counterfeited goods.
19. To protect trade marks, it must be registered by the Ministry of Economy.
20. The Department of Economy & Tourism in Dubai has the right to suspend or

رقم الإيصال **Receipt No.** **تاريخ الطباعة** 20:09 07/08/2025 **Print Date**

الإمارات
THE EMIRATES

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شهادة تسجيل العضوية
Membership Certificate

License no.	572033	572033	رقم الرخصة
Membership no.	99967	99967	رقم العضوية
Registration no.	1778252	1778252	رقم السجل التجاري
Business Name	WURTH GULF (L L C)	وورث جلف (ش ذ م م)	الاسم التجاري
Legal Status	Limited Liability Company - Sing	شركة ذات مسؤولية محدودة - الشخص	الشكل القانوني
Activity	Fire Resistant & Retardant Materials Trading General Trading	تجارة المواد المقاومة والمانعة لإنتشار الحريق تجارة عامة	نوع النشاط
Member Since	06/08/2005	06/08/2005	تاريخ الإنتساب
Date of Issue	06/08/2005	06/08/2005	تاريخ الإصدار
Expiry Date	05/08/2026	05/08/2026	تاريخ الإنتهاء

Remarks

This certificate shall be invalid incase of any alteration without chamber's authorization

For online verification of this Certificate, please visit our website http://www.dubaichamber.ae/verify

الملاحظات

تعتبر هذه الشهادة لاغية في حال أي كشط أو تعديل عليها دون اعتماد ذلك من الغرفة

للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة http://www.dubaichamber.ae/verify

غرفة تجارة وصناعة دبي
Dubai Chamber of Commerce & Industry

P.O. Box 1457 - Dubai, U.A.E. | Tel (Within UAE) 800 CHAMBER (800 2426237) | Tel (Outside UAE) (+971) 4 2280000 هاتف
Fax (+971) 4 2211646 فاكس | customercare@dubaichamber.ae | www.dubaichamber.ae

WÜRTH

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

TECHNICAL DATASHEET



MULTI HIGH-STRENGTH ADHESIVE



Art.No. 0893100112
Contents: 310ml, P.Qty. 12

Very fast, high-strength adhesive

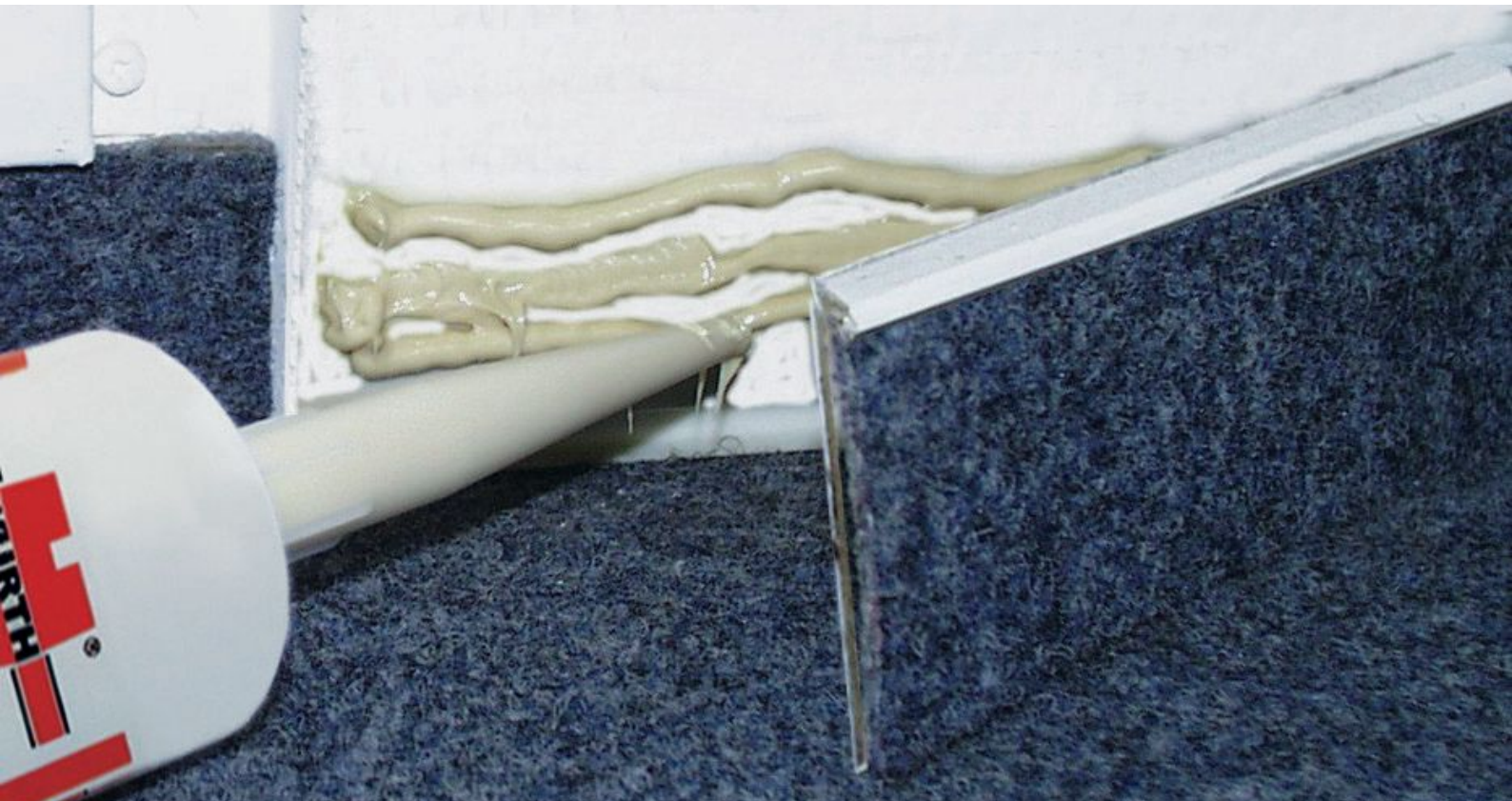
High-strength bonding
- Very high adhesion
- Viscoplastic adhesive with low foaming behaviour

Hardens quickly
Fast reaction time with high initial strength after just approx. 15 minutes.

Specific adhesion spectrum
Excellent adhesive bonding with a wide range of substrates such as marble, artificial stone, etc.

Can be sanded and painted over
Weather-resistant and ageing-resistant

Application
House door panels, stairway steps, handrails, lost box elements made of wood-cement flat pressed boards, baseboards, processing natural stone, metal window construction, window sills, laminated claddings, general repairs, and assembly connections. For adhesion of wood, metal, hard PVC, concrete, natural stone, laminated materials, ceramics, and hard foams (including those made from phenol resin and polyurethane).



TECHNICAL DATA SHEET

0893 100 110

Multi Power Glue
Very fast, high-strength power glue.

Fields for application:
Multi power glue is used for bonding of front door panel, stairs, handrails, lost formwork elements from wood cement flat die plates, skirting boards, natural stone processing, metal window installation, window installation, windowsills, laminate claddings and general repair and installation glueings.

Subfloor:
For glueing of wood, metal, painted aluminium, hard PVC, concrete, natural stone, artificial stone, laminates, ceramics, hard foams of phenolic resin and polyurethane.

Properties:
- proved water resistance D4 (DIN/EN 204)
- proved bonding strength for lost formwork elements
- very high adhesive strength
- tough elastic glue with low foaming properties
- fast reaction time with high adhesive strength already after 15 minutes.
- very good adhesive joint with subfloors like marble, artificial stone, etc.
- grindable and paintable
- weather and age restistant
- silicon-free

Application:
The surfaces of the substrates to be bonded must be dry and free of dust and grease. Remove possible existing release agents. Depending on the material and the surface quality, the adhesive surfaces are pre-treated, sanded, cleaned with type 60 cleaner (art.no. 0892 130 030, 0892 130 031) and a small amount of adhesive is applied. Priming the adhesive surfaces is recommended in some cases.

Version: 02, date: 16/12/2016

TECHNICAL DATA SHEET

Apply multi power glue unilaterally on one of the components as caterpillar or full flat with the notched trowel. The glue is moisture-curing, i. e. when bonding non-absorbent materials or very dry materials, you have to dust the applying glue with water to get a full hardening.
Join the components within the skin forming time (max. 2 min after humidification) and press them if necessary to get the functional hardness. The applying amount should be ca. 150 – 300g/m².

Technical data:

chemical base	polyurethane
colour	beige
processing temperature	+7°C to +30°C
temperature resistance	-30°C to +110°C
skin forming time**	dry:* 5 min wet:* 2 min
full hardening velocity*	2,5 mm caterpillar in 24h
density*	ca. 1,52g/cm³
permitted motion compensation	≤ 2%
viscosity	paste-like (+20°C)
max. adhesive gap	5 mm
tensile shear strength	DIN EN 1465 with 0,2 mm glue joint thickness of chemical treated alu panel: ~14 N/mm² (-20°C) ~9 N/mm² (+20°C) D4-quality according to DIN EN 204 beech-beech (0-Fuge): tensile shear strength layer D4-1: ~10,5 N/mm² tensile shear strength layer D4-3: ~5 N/mm
temporary resistant to	diluted acids, basic solutions, solvents
durability	12 months (+15°C to +25°C), dry, without direct solar radiation

*measured at 20°C/50% relative air humidity

Version: 02, date: 16/12/2016

** Caution: At high temperatures/air humidity, the skin-forming time is significantly reduced. After skin formation, adequate moistening is no longer guaranteed.

Remarks:

- Lost formwork elements = wood cement flate die plates (24 mm thick base plate and 10 thick panel) are used for ring beam formworks, ceiling beam formworks, as well as for lintel formwork. The formworks are shed with concrete (ceilings with 160 mm thickness; thicker ceilings 180, 200 m have to be estimated in each individual case.
- The inquiry report 5131/2446a, issued by the Material Testing Institute Braunschweig confirms, that lost formwork elements with wood cement flat die plates glued with multi power glue are suitable for ceilings up to 160 mm thickness; ceilings with 180, 200mm thickness have to be estimated in each individual case.
- With the processing the viscosity of 1-K-PUR-glues is twice as high at +15°C than at +25°C.
- The adhesive changes its colour if it is exposed to the sun, but its bonding strength does not change!
- Bonding of aluminium: Just on chemical pretreated or painted surfaces; aluminium blank cannot be glued permanently age resistant without equivalent pretreatment of the adherend
- Powder-coated workpieces should always be cleaned with cleaner typ 60 (Art.-No.:0892 130 030/ 0892 130 031), powder-coats with PTFE- percentage cannot be glued reliably without pretreatment.
- Pressure: layer bonding >0,015 N/mm²; solid timber bonding >1 N/mm²
- In case of glue joint thicknesses >2,5 mm the setting, pressing and hardening times are clearly longer, glue joint thicknesses >5 mm should be excluded
- For the bonding of metal/metal, the surfaces to be bonded have to be sealed/protected against the influence of humidity, therefore use a suitable sealing compound.
- When bonding metal with absorbent materials (e.g. wood, building materials, etc.) the humidity can be transported through the adhesive joint to the metallic surface due to the absorbent material and can lead to damage due to corrosion on metal. Therefore the metallic joint surface must have an equivalent corrosion protection, e.g. paint, powder-coat!
- In case of bonding of different materials (stretching behaviour) the adhesive joint dimensioning must be adapted regarding to the long-term behaviour.
- The bonded workpieces should not be coated until after the adhesive is fully hardened; if they are coated too early, the formation of bubbles in the coating cannot be ruled out
- Due to aluminium surfaces and properties being difficult to define, we always recommend that you obtain sufficient information from the supplier to enable you to choose the optimum pre-treatments for your particular bonding application. Sufficient preliminary tests are necessary
- In the production and processing of stainless steel, auxiliary materials such as wax, oils, etc. are used. These materials cannot be simply wiped clean. It has been shown that after cleaning with solvents,

grinding or (even better), sandblasting the surface, followed by repeated cleaning with solvents delivers considerably better bonding results

- Zinc-plated sheets should always be protected against the permanent influence of moisture. To prevent the formation of "white rust", any moisture that arises must be prevented from coming into contact with the bonding surface
- Bonding larch: 1K-PUR adhesives must never be used for bonding larch surfaces in outdoor areas. The substance "arabinogalactan" which is contained in the wood, or forms within it, considerably weakens the bonding strength! No problems have been identified with PVAC and EPOXI adhesives
- When bonding solid wood, the adhesive should preferably be applied to both bonding surfaces
- The adhesive is mildly foaming and is therefore well-suited to use on slightly uneven surfaces. The pressing time must be adjusted according to the thickness of the gluing joint
- For bonding solid wood in outdoor applications, suitable tests should be performed to determine the optimum permanent bond depending on the type of wood, weather intensity, surface protection and geometry of the bonding gap
- Skin-forming and joining times, as well as the respective pressing and processing times required, are influenced by criteria such as material, temperature, amount applied and air moisture, amongst others. As a result, they can only be precisely determined through independent tests. Corresponding safety margins for the specified reference values should be accounted for by the installer

This advice is based on our own research and experience. It is presented in good faith and may be considered reliable. However, due to the diverse processing, application and handling possibilities the information provided may not be considered legally binding. The same applies to the information provided by our technical and commercial customer service.

We recommend the users of our products to perform their own tests in order to determine whether our products are appropriate for the respective use and environment. We guarantee the consistent quality of our products. We reserve the right to implement technical changes and improvements.

ADHESIVE OVERVIEW TABLE

Key

++ Especially suitable
+ Suitable
v Possibly, after advance trial
 Not suitable
0 Good adhesion onto surfaces marked ++, but not to each other

With this information we want to advise you to the best of our knowledge based on our tests and experience. We assume no liability for the application results in individual cases, however, due to the large number of applications and the storage and application conditions that lie outside the scope of our in uence. This also applies to the use of the non-binding technical and commercial customer service we provide.

We always recommend that you conduct your own tests. We guarantee the consistent quality of our products. We reserve the right to make technical changes and carry out further development. For further information, see the Technical Data Sheet.

Designation	Basis	Contents	Art. No.	P. Qty.	Features
Super Fast Glue	Cyanoacrylate	5 g 20 g 50 g	**0893 090 0** **0893 09** **0893 090**	1/25 1 1	Extremely quick-hardening cyanoacrylate adhesive Handling strength achieved in seconds
Elastobond	Cyanoacrylate	20 g	**0893 092**	1	Very quickly hardening cyanoacrylate adhesive Black, flexible yet stiff, high-temperature resistant
Plastobond	Cyanoacrylate	20 g	**0893 091**	1	Very quickly hardening cyanoacrylate adhesive For adhesion of hard-to-glue plastics
Brush Instant Adhesive	Cyanoacrylate	4 g	**0893 094**	1/25	Extremely quick-hardening cyanoacrylate adhesive For very thin adhesive application, even overhead
SKG	Cyanoacrylate	3 g 20 g	**0893 403** **0893 403 1**	1/40 1/10	Extremely quick-hardening cyanoacrylate adhesive Gel, no running off on vertical surfaces
Super Fast Wood Glue	Cyanoacrylate	50 g	**0893 423**	1	Extremely quick-hardening cyanoacrylate adhesive Especially well-suited for wood connections
Special glass-to-metal adhesive	Urethane acrylate, modified methacrylate	1 g (hardener, 0.5 ml)	**0893 40**	5	Quick adhesion of glass on metal Further treatment of the materials after 2 3 minutes
AL-1 2-Component Adhesive	Epoxy resin	2 x 400 g	**0892 130 010**	6	Solvent-free 2-component adhesive Temperature-resistant up to +120°C
PUR 2-Component Adhesive	Polyurethane	550 g 900 g	**0892 135 1** **0892 135**	6 6	Solvent-free 2-component adhesive Temperature-resistant up to +120°C
ESK 48 Epoxy Resin Fast-Acting Adhesive	Epoxy resin	28 ml	**0893 480**	3	Can be painted over, sandable Quick-hardening if heated
Special Plastic Adhesive	Acrylate hybrid	38 ml	**0893 480 001**	1	Exceptional adhesion to plastics, particularly PP and PE Quick strengthening and short application time
Multi-Purpose Adhesive	Chlorobutadiene rubber	65.5 ml 185 ml 730 ml 4.600 ml	**0893 100 021** **0893 100 022** **0893 100 023** **0893 100 024**	1/12 1/12 1/12 1	Toluene-free, aging-resistant contact adhesive Temperature-resistant up to approx. +110°C
Spray Adhesive	Synthetic rubber	500 ml	**0890 100 055**	1/12	Quick-drying multi-purpose adhesive Adjustable spray head
High-Strength Spray-On Adhesive	Synthetic rubber	400 ml	**0890 100 056**	1/12	Great immediate adhesion power Adjustable spray head
Spray Adhesive	Acrylic resin	400 ml	**0893 100 20**	1/12	Reusable adhesive, no adhesive residue
Profile Rubber Adhesive	Polychloroprene rubber	180 g	**0890 100 015**	1/12	Age-resistant contact adhesive Temperature-resistant up to approx. +100°C
Assembly Adhesive	Synthetic rubber artificial resin	310 ml	**0892 100 100**	1/12	Quick, high-strength construction adhesive High resistance to aging and weather Can be painted over
Absobon Assembly Adhesive	Acrylic dispersion	310 ml	**0893 100 100**	1/12	Solvent-free, odorless High resistance to aging and weather Quick, high-strength assembly adhesive
Multi High-Strength Adhesive	Polyurethane	310 ml	**0893 100 110**	1/12	Very quick construction adhesive with minimal foaming High adhesive strength and water and temperature resistance, tested as per DIN EN 204-D4 by ift Rosenheim, corresponds to Watt 91.
Rapid PUR Construction Adhesive	Polyurethane	310 ml	**0892 100 102**	1/12	Quick, foaming construction adhesive High resistance to water and temperature
Glass Clear Adhesive Sealant	MS polymer	290 ml	**0893 225 0**	1/12	For constructive, elastic adhesions Very broad adhesion range
Mirror Adhesive	Polymer rubber	290 ml	**0890 600**	1/12	Solvent-free mirror adhesive Quick, elastic hardening Does not attack the mirror coating
FSK System Adhesive	Vinyl chloride polymer	200 g 200 g	**0892 100 09** **0892 100 091**	1/30 1/30	Ideal for cold welding PVC profiles High-viscosity, thixotropic adhesive mass UV-, aging-, weather- and chemical-resistance
Wütop Film Adhesive	Acryl polymer dispersion	310 ml 600 ml	**0893 700 100** **0893 700 110**	1/12 20	Solvent-free Long-term adhesive strength on vapor blocks/barriers Tested seal of 600 Pa by IBP Stuttgart
Hot-Melt Adhesive	Ethylene copolymer	1.8 kg 5 kg	**0890 100 052** **0890 100 054**	1 5	Quick adhesion with short press-on time Transparent sticks highly flexible in use
Bond+Seal	Polyurethane	310 ml 400 ml 600 ml 70 ml	**0890 100 1 6** **0890 100 111 113** **0890 100 181 183** **0890 100 11 31**	1/12/24 12 20 1/24	Elastic adhesive sealant for a wide variety of applications Can be sanded and painted over Foodstuff-approved (Isega certificate)
Bond+Seal Fast	Polyurethane	310 ml	**0890 100 710-730**	1/12/24	Continually elastic strong adhesive sealant Can be sanded and painted over Foodstuff-approved (Isega certificate)
Bond + Seal Power	Polyurethane hybrid	300 ml	**0893 235 1-3**	1/12	Very strong adhesive sealant with high initial strength Can be painted over, UV-, weather- and age-resistance NSF-registered

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	Wood (MDF, chipboard)	Decorative panels	Laminated panels (Resopal, Ultrapas)	Rubber	Metal	Paints	Steel, iron	Copper	Aluminum	Brass	Porcelain/ceramics/tiles	Cork	Paperboard	Leather	Glass	Concrete	Gas concrete/gypsum/gypsum plasterboard	Stone	Plaster	Natural stone (marble / granite)	Synthetic stone (Corian/Varicor)	Polystyrene	Fabric, carpet, textiles, felt	Paper	Hard foams (PUR, phenol resin)	Plastic (PVC, ABS)	PMMA (acrylic glass, Plexiglas)	Fiberglass	Polyolefins (PP, PE)
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WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

MSDS



MULTI PURPOSE ADHESIVE (MULTI POWER GLUE)310ML.

Version	Revision Date:	SDS Number:	Date of last issue: 28.08.2017
4.4	28.11.2017	609175-00009	Date of first issue: 25.01.2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MULTI PURPOSE ADHESIVE (MULTI POWER GLUE)310ML.

Product code : 0893100110

Manufacturer or supplier's details

Company : Würth Gulf FZE
Jebel Ali Free Zone-South

Address : POBox 17036
Dubai

Telephone : 00971 4 880 9991

Emergency telephone number : Emergency telephone. Advisory office in case of poisoning +9714 8834229. Telephone number of the company in case of emergencies +97150 5646023

E-mail address : prodsafe@wuerth.com

Telefax : 00971 4 880 9255

Recommended use of the chemical and restrictions on use

Recommended use : Adhesives

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Inhalation) : Category 5

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2A

Respiratory sensitisation : Category 1

Skin sensitisation : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity - single exposure : Category 3

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Respiratory system)

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements :

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H333 May be harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs (Respiratory system) through prolonged or repeated exposure if inhaled.

Precautionary statements :

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P284 Wear respiratory protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
4,4'-Diphenylmethane diisocyanate	101-68-8	>= 10 - < 20
Benzene, 1,1'-methylenebis[isocyanato-, homo-polymer	39310-05-9	>= 5 - < 10
Propylene carbonate	108-32-7	>= 1 - < 5
Dibutyltin dilaurate	77-58-7	>= 0.1 - < 0.25

4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
Get medical attention.

In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Get medical attention.
Wash clothing before reuse.
Thoroughly clean shoes before reuse.

In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If easy to do, remove contact lens, if worn.
Get medical attention.

If swallowed : If swallowed, DO NOT induce vomiting.
Get medical attention.
Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May be harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficul-

ties if inhaled.
May cause respiratory irritation.
Suspected of causing cancer.
May cause damage to organs through prolonged or repeated exposure if inhaled.

Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

Notes to physician : Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media : None known.

Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Silicon oxides
Carbon oxides
Metal oxides
Hydrogen cyanide (hydrocyanic acid)
Isocyanates
Nitrogen oxides (NOx)

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions : Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers).

Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

7. HANDLING AND STORAGE

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use with local exhaust ventilation.

Advice on safe handling : Do not get on skin or clothing.
Do not breathe vapours or spray mist.
Do not swallow.
Do not get in eyes.
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment
Keep container tightly closed.
Keep away from water.
Protect from moisture.
Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage : Keep in properly labelled containers.
Store locked up.
Keep tightly closed.
Keep in a cool, well-ventilated place.
Store in accordance with the particular national regulations.

Materials to avoid : Do not store with the following product types:
Strong oxidizing agents
Organic peroxides
Explosives
Gases

Recommended storage temperature : 15 - 25 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
4,4'-Diphenylmethane diisocyanate	101-68-8	TWA	0.005 ppm	ACGIH
Dibutyltin dilaurate	77-58-7	TWA	0.1 mg/m3 (Tin)	ACGIH
		STEL	0.2 mg/m3 (Tin)	ACGIH

Engineering measures : Processing may form hazardous compounds (see section 10).
Minimize workplace exposure concentrations.
Use with local exhaust ventilation.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Combined particulates and organic vapour type

Hand protection
- Material : Nitrile rubber
- Break through time : >= 480 min
- Glove thickness : >= 0.35 mm
- Directive : DIN EN 374
- Wearing time : 240 min

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection : Wear the following personal protective equipment:
Safety goggles

Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hygiene measures : Ensure that eye flushing systems and safety showers are located close to the working place.
When using do not eat, drink or smoke.

Wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Colour	:	coloured
Odour	:	characteristic
Odour Threshold	:	No data available
pH	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	ca. 1.52 g/cm3 (20 °C)
Solubility(ies)		
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	> 260 °C
Viscosity		
Viscosity, dynamic	:	67,000 - 93,000 mPa.s (25 °C)
Viscosity, kinematic	:	No data available

Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Particle size	:	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Can react with strong oxidizing agents. Hazardous decomposition products will be formed upon contact with water or humid air.
Conditions to avoid	:	Exposure to moisture
Incompatible materials	:	Oxidizing agents Water
Hazardous decomposition products	:	No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation Skin contact Ingestion Eye contact

Acute toxicity

May be harmful if inhaled.

Product:

Acute inhalation toxicity	:	Acute toxicity estimate: 7.07 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method

Components:

4,4'-Diphenylmethane diisocyanate:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute oral toxicity Remarks: Based on data from similar materials
Acute inhalation toxicity	:	LC50 (Rat): > 2.24 mg/l Exposure time: 1 h Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Remarks: Based on data from similar materials

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 2.24 mg/l
Exposure time: 1 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Remarks: Based on data from similar materials

Propylene carbonate:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Dibutyltin dilaurate:

Acute oral toxicity : LD50 (Rat): 2,071 mg/kg

Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation

Causes skin irritation.

Components:

4,4'-Diphenylmethane diisocyanate:

Species: Rabbit
Method: OECD Test Guideline 404
Result: Skin irritation
Remarks: Based on data from similar materials

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Species: Rabbit
Method: OECD Test Guideline 404
Result: Skin irritation
Remarks: Based on data from similar materials

Propylene carbonate:

Species: Rabbit
Result: No skin irritation

Dibutyltin dilaurate:

Result: Corrosive after 1 to 4 hours of exposure

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

4,4'-Diphenylmethane diisocyanate:

Result: Irritation to eyes, reversing within 7 days
Remarks: Based on harmonised classification in EU regulation 1272/2008, Annex VI

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Result: Irritation to eyes, reversing within 7 days
Remarks: Based on data from similar materials

Propylene carbonate:

Species: Rabbit
Method: OECD Test Guideline 405
Result: Irritation to eyes, reversing within 21 days

Dibutyltin dilaurate:

Species: Rabbit
Result: Irreversible effects on the eye

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Components:

4,4'-Diphenylmethane diisocyanate:

Test Type: Buehler Test
Exposure routes: Skin contact
Species: Guinea pig
Result: positive

Assessment: Probability or evidence of skin sensitisation in humans

Exposure routes: Inhalation
Species: Rat

Result: positive
Remarks: Based on data from similar materials

Assessment: Probability of respiratory sensitisation in humans based on animal testing

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Test Type: Buehler Test
Exposure routes: Skin contact
Species: Guinea pig
Result: positive
Remarks: Based on data from similar materials

Assessment: Probability or evidence of skin sensitisation in humans

Exposure routes: Inhalation
Species: Rat
Result: positive
Remarks: Based on data from similar materials

Assessment: Probability of respiratory sensitisation in humans based on animal testing

Dibutyltin dilaurate:

Test Type: Maximisation Test
Exposure routes: Skin contact
Species: Guinea pig
Method: OECD Test Guideline 406
Result: positive
Remarks: Based on data from similar materials

Assessment: Probability or evidence of skin sensitisation in humans

Germ cell mutagenicity

Not classified based on available information.

Components:

4,4'-Diphenylmethane diisocyanate:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: inhalation (dust/mist/fume) Method: OECD Test Guideline 474 Result: negative

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative

Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: inhalation (dust/mist/fume) Method: OECD Test Guideline 474 Result: negative

Propylene carbonate:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative

Dibutyltin dilaurate:

Genotoxicity in vitro	:	Test Type: Chromosome aberration test in vitro Result: positive Remarks: Based on data from similar materials Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Test Type: In vitro mammalian cell gene mutation test Result: negative Remarks: Based on data from similar materials
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Ingestion Method: OECD Test Guideline 474 Result: positive Remarks: Based on data from similar materials
Germ cell mutagenicity - Assessment	:	Positive result(s) from in vivo somatic cell mutagenicity tests supported by positive results from in vitro mutagenicity assays or chemical structure activity relationship to known germ cell mutagens

Carcinogenicity

Suspected of causing cancer.

Components:

4,4'-Diphenylmethane diisocyanate:

Species: Rat
Application Route: inhalation (dust/mist/fume)
Exposure time: 2 Years

Result: positive
Remarks: Based on data from similar materials

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Species: Rat
Application Route: inhalation (dust/mist/fume)
Exposure time: 2 Years
Result: positive
Remarks: Based on data from similar materials

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

Propylene carbonate:

Species: Mouse
Application Route: Skin contact
Exposure time: 2 Years
Result: negative

Reproductive toxicity

Not classified based on available information.

Components:

4,4'-Diphenylmethane diisocyanate:

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: inhalation (dust/mist/fume)
Result: negative
Remarks: Based on data from similar materials

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: inhalation (dust/mist/fume)
Result: negative
Remarks: Based on data from similar materials

Propylene carbonate:

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat, female
Application Route: Ingestion
Result: negative

Dibutyltin dilaurate:

Effects on fertility : Test Type: Reproduction/Developmental toxicity screening test

Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 421
Result: positive
Remarks: Based on data from similar materials

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 414
Result: positive
Remarks: Based on data from similar materials

Reproductive toxicity - Assessment : Clear evidence of adverse effects on sexual function and fertility, based on animal experiments., Clear evidence of adverse effects on development, based on animal experiments.

STOT - single exposure

May cause respiratory irritation.

Components:

4,4'-Diphenylmethane diisocyanate:

Assessment: May cause respiratory irritation.

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Assessment: May cause respiratory irritation.
Remarks: Based on data from similar materials

Dibutyltin dilaurate:

Exposure routes: Ingestion
Target Organs: thymus
Assessment: Shown to produce significant health effects in animals at concentrations of 300 mg/kg bw or less.

STOT - repeated exposure

May cause damage to organs (Respiratory system) through prolonged or repeated exposure if inhaled.

Components:

4,4'-Diphenylmethane diisocyanate:

Exposure routes: inhalation (dust/mist/fume)
Target Organs: Respiratory system
Assessment: Shown to produce significant health effects in animals at concentrations of >0.02 to 0.2 mg/l/6h/d.

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Exposure routes: inhalation (dust/mist/fume)
Target Organs: Respiratory system
Assessment: Shown to produce significant health effects in animals at concentrations of >0.02 to

0.2 mg/l/6h/d.

Dibutyltin dilaurate:

Exposure routes: Ingestion
Target Organs: thymus
Assessment: Shown to produce significant health effects in animals at concentrations of 10 mg/kg bw or less.

Repeated dose toxicity

Components:

4,4'-Diphenylmethane diisocyanate:

Species: Rat
NOAEL: 0,2 mg/m3
LOAEL: 1 mg/m3
Application Route: inhalation (dust/mist/fume)
Exposure time: 2 yr
Remarks: Based on data from similar materials

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Species: Rat
NOAEL: 0,2 mg/m3
LOAEL: 1 mg/m3
Application Route: inhalation (dust/mist/fume)
Exposure time: 2 yr
Remarks: Based on data from similar materials

Propylene carbonate:

Species: Rat
NOAEL: > 5,000 mg/kg
Application Route: Ingestion
Exposure time: 90 Days

Dibutyltin dilaurate:

Species: Rat
NOAEL: 0.3 - 0.4 mg/kg
Application Route: Ingestion
Exposure time: 28 Days
Remarks: Based on data from similar materials

Aspiration toxicity

Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

4,4'-Diphenylmethane diisocyanate:

Toxicity to fish	:	LC50 (Oryzias latipes (Orange-red killifish)): > 3,000 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 129.7 mg/l Exposure time: 24 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Desmodesmus subspicatus (green algae)): > 1,640 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials NOEC (Desmodesmus subspicatus (green algae)): 1,640 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
Toxicity to microorganisms	:	EC50: > 100 mg/l Exposure time: 3 h Method: OECD Test Guideline 209 Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 10 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211 Remarks: Based on data from similar materials

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Toxicity to fish	:	LC50 (Oryzias latipes (Orange-red killifish)): > 3,000 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 129.7 mg/l Exposure time: 24 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Desmodesmus subspicatus (green algae)): > 1,640 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials

		NOEC (Desmodesmus subspicatus (green algae)): 1,640 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
Toxicity to microorganisms	:	EC50: > 100 mg/l Exposure time: 3 h Method: OECD Test Guideline 209 Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 10 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211 Remarks: Based on data from similar materials

Propylene carbonate:

Toxicity to fish	:	LC50 (Cyprinus carpio (Carp)): > 1,000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h
Toxicity to algae	:	ErC50 (Desmodesmus subspicatus (green algae)): > 900 mg/l Exposure time: 72 h
Toxicity to microorganisms	:	EC50 (Pseudomonas putida): 25,619 mg/l Exposure time: 16 h

Dibutyltin dilaurate:

Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 0.1 - 1 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Desmodesmus subspicatus (green algae)): > 1 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	:	1
Toxicity to microorganisms	:	EC50: > 1,000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209

Persistence and degradability

Components:

4,4'-Diphenylmethane diisocyanate:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 0 %
Exposure time: 28 d
Method: OECD Test Guideline 302
Remarks: Based on data from similar materials

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 0 %
Exposure time: 28 d
Method: OECD Test Guideline 302
Remarks: Based on data from similar materials

Propylene carbonate:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 87.7 %
Exposure time: 29 d
Method: OECD Test Guideline 301B

Dibutyltin dilaurate:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 23 %
Exposure time: 39 d
Method: OECD Test Guideline 301F

Bioaccumulative potential

Components:

4,4'-Diphenylmethane diisocyanate:

Bioaccumulation : Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): 200

Partition coefficient: n-octanol/water : log Pow: 4.51

Benzene, 1,1'-methylenebis[isocyanato-, homopolymer:

Bioaccumulation : Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): 200
Remarks: Based on data from similar materials

Partition coefficient: n-octanol/water : log Pow: 4.51
Remarks: Based on data from similar materials

Propylene carbonate:

Partition coefficient: n-octanol/water : log Pow: -0.41

Dibutyltin dilaurate:

Bioaccumulation : Species: Fish
Bioconcentration factor (BCF): 812
Remarks: Based on data from similar materials

Partition coefficient: n-octanol/water : log Pow: 4.44

Mobility in soil

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
If not otherwise specified: Dispose of as unused product.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

UN/ID No.	:	UN 3334
Proper shipping name	:	Aviation regulated liquid, n.o.s. (4,4'-Diphenylmethane diisocyanate, Benzene, 1,1'-methylenebis[isocyanato-, homopolymer)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964
Packing instruction (passenger aircraft)	:	964

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

16. OTHER INFORMATION

Further information

Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Con-

trol Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

AE / EN

WÜRTH

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

ISO 14001:2004
ISO 9001:2008



ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Management Service

CERTIFICATE

Certificate Registration No.: **12 100 23791 TMS** / Order No.: **70020920**

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that the organization

WÜRTH

Adolf Würth GmbH & Co. KG

Reinhold-Würth-Str. 12-17 • 74653 Künzelsau
Germany

for the scope

Development and distribution of fasteners, hand tools and storage systems. Distribution of products (standard parts, special parts, systems) for industrial safety, construction, workshops, fire protection technology, chemical-technical applications, anchor technology, direct assembly, electrical installations, material processing, installation, measuring technology, soldering and welding technology, as well as of products such as electrical and pneumatic tools and machines, small and replacement parts for automotive vehicles, advertising media. Maintenance of electric power tools, pin driver technology and pneumatic tools as well as testing of fall arrest systems, length measuring tools (laser technology) and tools for torque measurement and vehicle conversion or installation of storage systems including load securing in vehicles as well

including the sites see enclosure

has established and applies a Quality Management System.

An audit was performed and has furnished proof
that the requirements according to

DIN EN ISO 9001:2015

are fulfilled.

The certificate is valid from **2024-04-10** until **2027-04-09**.

Fred Wenke
Head of Certification Body
Munich, 2024-03-13

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

DAkkS Deutsche Akkreditierungsstelle D-ZM-14143-01-00

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Management Service

ENCLOSURE OF CERTIFICATE

Certificate Registration No.: **12 100 23791 TMS** / Order No.: **70020920**

certificate holder:

Adolf Würth GmbH & Co. KG
Reinhold-Würth-Str. 12-17
74653 Künzelsau
Germany

at the sites	**scope**
Adolf Würth GmbH & Co. KG Reinhold-Würth-Str. 12-17 74653 Künzelsau Germany	Development and distribution of fasteners, hand tools and storage systems. Distribution of products (standard parts, special parts, systems) for industrial safety, construction, workshops, fire protection technology, chemical-technical applications, anchor technology, direct assembly, electrical installations, material processing, installation, measuring technology, soldering and welding technology, as well as of products such as electrical and pneumatic tools and machines, small and replacement parts for automotive vehicles, advertising media. Maintenance of electric power tools, pin driver technology and pneumatic tools as well as testing of fall arrest systems, length measuring tools (laser technology) and tools for torque measurement.
Adolf Würth GmbH & Co. KG **Fahrzeugeinrichtungen** Am Seebach 2 74182 Obersulm-Willsbach Germany	Vehicle conversion or installation of storage systems including load securing in vehicles.

Fred Wenke
Head of Certification Body
Munich, 2024-03-13

MS/01-07/2023

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Management Service

CERTIFICATE

Certificate Registration No.: **12 104 23791 TMS** / Order No.: **70020920**

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that the organization

WÜRTH

Adolf Würth GmbH & Co. KG

Reinhold-Würth-Str. 12-17 • 74653 Künzelsau
Germany

for the scope

Development and distribution of fasteners, hand tools and storage systems. Distribution of products (standard parts, special parts, systems) for industrial safety, construction, workshops, fire protection technology, chemical-technical applications, anchor technology, direct assembly, electrical installations, material processing, installation, measuring technology, soldering and welding technology, as well as of products such as electrical and pneumatic tools and machines, small and replacement parts for automotive vehicles, advertising media. Maintenance of electric power tools, pin driver technology and pneumatic tools as well as testing of fall arrest systems, length measuring tools (laser technology) and tools for torque measurement

has established and applies an Environmental Management System.

An audit was performed and has furnished proof
that the requirements according to

DIN EN ISO 14001:2015

are fulfilled.

The certificate is valid from **2024-05-24** until **2027-05-23**.

Fred Wenke
Head of Certification Body
Munich, 2024-03-13

IAF MLA DAkkS Deutsche Akkreditierungsstelle D-ZM-14143-01-00

MS/01-07/2023

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that

Adolf Würth GmbH & Co. KG

Reinhold-Würth-Str. 12-17 • 74653 Künzelsau
Germany

has established and applies
an Energy Management System for

Development and distribution of fasteners, hand tools and storage systems. Distribution of products (standard parts, special parts, systems) for industrial safety, construction, workshops, fire protection technology, chemical-technical applications, anchor technology, direct assembly, electrical installations, material processing, installation, measuring technology, soldering and welding technology, as well as of products such as electrical and pneumatic tools and machines, small and replacement parts for automotive vehicles, advertising media. Installation of storage systems including load securing in automotive vehicles. Maintenance of electric power tools, pin driver technology and pneumatic tools as well as testing of fall arrest systems, length measuring tools (laser technology) and tools for torque measurement.

An audit was performed, Order No. **70020920**.

Proof has been furnished that the requirements
according to

ISO 50001:2018

are fulfilled.

The certificate is valid in conjunction
with the main certificate from **2022-10-04** until **2025-10-03**.

Certificate Registration No.: **12 340 23791/01 TMS**.

Head of Certification Body
Munich, 2022-10-05

DAkkS Deutsche Akkreditierungsstelle D-ZM-14143-01-00

MS/01-01/2019

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

APPROVALS



DEC ENGINEERING CONSULTANTS دار الخليج للاستشارات الهندسية | HILL Hill International | EREC Building No. 35 – Ministry of Justice & Federal Courts Complex in Abu Dhabi

DOCUMENT SUBMITTAL FORM

Contract No: T/2015/EREC35/MC-1	Work Package: Main Works Package
TITLE: Material Submittal for High Strength Adhesive for External Inclined Granite Fixing – M/s Wurth	
Application/Scope of Works: High Strength Adhesive	SUBMITTAL NO: MC1-MCC-HIL-MAR-106
	CLIENT REF: N/A
TO: M/s. Hill International	DATE: 28-May-18 REVISION NO: 00
FROM: M/s. Emirates Link Maltauro LLC	Technical/QAQC Review:
ATTN: Mr. Mohamed Qidan	Senior Project Manager:

شركة الإمارات المساندة للمقاولات ذ.م.م Emirates Link Maltauro L.L.C P-131

TYPE OF SUBMITTAL

☐ Pre-Qualification ☐ Others

☐ Shop Drawing & Schedule	☐ Programme	☐ Operating & Maintenance Manuals
☐ Samples	☐ Certification, Verification & Verification of Performance	☐ Test reports
☒ Materials & Product Data	☐ Inspection & Test	☐ Mock Ups & QC Panels
☐ As Built Drawings		☐ Method Statement

SUBMITTAL DESCRIPTION:

☐ CIVIL ☐ STRUCTURAL ☒ ARCHITECTURAL ☐ ELECTRICAL ☐ MECHANICAL ☐ OTHER

Please find attached Material Submittal for High Strength Adhesive for External Inclined Granite Fixing – M/s Wurth for your review and approval

SPECIFICATION & BOQ REF:	Location
N/A	Entire Project

PROJECT MANAGER'S REVIEW

-TRAINING FOR THE WORKERS SHALL BE DONE BY THE WURTH SUPERVISOR

29 MAY 2018

Name: Mohamed Qidan Signature: ..... Date: 05/06/2018

CLIENT's COMMENTS (optional)

Name: ..... Signature: ..... Date: 26 MAY 2018

CONSULTANT's COMMENTS

☐ A-APPROVED ☒ B-WORK MAY PROCEED – REVISE / RESUBMIT WITHIN ... DAYS ☐ C- WORK MAY NOT PROCEED REVISE / RESUBMIT ☐ D- REJECTED

B- Approved subject to pull-out test.

RECEIVED 04 JUN 2018

DEC ENGINEERING CONSULTANTS دار الخليج للاستشارات الهندسية

DATE RECEIVED:	DATE RETURNED:

CONSULTANT's SIGNATURE

For & On behalf of *(Insert Name)*

Name: Eng. Galal Sakran ..... Signature: ..... Date: 04 June 2018

Document No: [CCC]-[NNN]-PP-02-06-FM Rev 0

RECEIVED 06 JUN 2018 P-151 - EREC Emirates Link Maltauro L.L.C

PQP Approval / Review Sheet

Project:	**Ministry of Justice & Federal Courts Complex**		Owner:	**Emirates Real Estate Corporation/ Ministry of Justice**	
PMC:	**Hill International**		Consultant:	**Dar Al Khaleej Engineering Consultants**	
Main Contractor:	**Emirates Link Maltauro**		PQP/ICA:	**Green Consulting Engineers**	
MEP Subcontractor:	**Ecotherm Contracting**		Interior Subcontractor	**Hispano International Decor**	
Submittal:	**MC1-MCC-HIL-MAR-106 High Strength Adhesive – M/s Wurth**				
Revision:	**00**	Received Date	**4/19/2018**	Reviewed Date	**4/19/2018**
PQP Comments:					

REVISE & RESUBMIT.

ELM/C-PQP to review and confirm the requirements and Estidama applicability before submission to project PQP.

Reviewed by:	
Name / Designation	Signature & Stamp
Ms. Eunice Bantilan PQP/Sustainability Consultant	GREEN CONSULTING L.L.C. P.O. Box: 4644 Abu Dhabi

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DEC ENGINEERING CONSULTANTS
دار الخليج للإستشارات الهندسية

Record Reference: MUS/AAH/DTF/____ Date: 26 March 2018 S-36563

Document Transmittal Form

Project Details: **Musanada's Project Number:** HC-2-07-53040-00-C

Project Name:	New Al Ain Hospital		
Client/Employer:	SEHA / Musanada	PMC:	Allen & Shariff Corporation (ASC)
The Engineer:	ICME & Obermeyer (IFO)	Contractor:	Arabtec Construction – San Jose JV (ASJ)
Trans No:	AAH-MUS-TRN-32879-DM	Rev No:	N/A

Subject : Material Submittal

Type: (Tick Applicable)	☐ Technical Data	☐ Guarantee	☐ Certificate	☐ Test Result
	☐ Schedules/ Programmes	☐ Report	☐ Statutory Issues (NOC)	☒ Others – **MSF**
Attachment	☐ Samples	☐ Drawings	☐ Catalogue	☐ CD's
Purpose of Issue (Tick Applicable)	☐ FOR INFORMATION	☒ FOR FURTHER ACTION	☐ FOR RECORD	☐ FOR REVIEW

Detail :

Please find enclosed herewith IFO's comments for MSF No. 2244 regarding Wurth Multi High Strength Power Glue.

1. Submitted by & Signature: Donal Morrissey Resident Engineer **ICME & Obermeyer - JV**	2. Received by & Signature: Hasher Al Azeezi Acting Senior Project Manager **Building & Project Management** **Musanada**	Receiving Stamp
3. Issued By & Signature: Hasher Al Azeezi Acting Senior Project Manager **Building & Project Management** **Musanada**	4. Received by & Signature: Zaher Salman Project Director **Arabtec & San Jose - JV**	Receiving Stamp ARABTEC SANJOSE JOINT VENTURE 26 MAR 2018 RECEIVED
Reference Document: (Attach if any relevant documents)	**Work Location:**(if applicable) New Al Ain Hospital	

Comments (If Any):

Distribution:

☐ Musanada ☐ PMC ☐ Engineer ☐ Contractor

Note: This document provides information or clarification only. If the Contractor considers the provided information as change to the original Contract, then the Contractor has to obtain the required approval as established in the Condition of Contract.

MATERIAL SUBMITTAL (MSF)

Part A & B: Project & Record Information & Discipline			
Project Name	New Al Ain Hospital	MSF Ref. No	2244
Employer	SEHA/Musanada	MSF Rev. No	00
PMC	Allen & Shariff	MSF Issue Date	28-02-2018
Engineer	IFO		
Contractor	Arabtec – Sanjose J.V		
Discipline:	☐ Civil ☐ Structural ☑ Architecture ☐ Mechanical ☐ Electrical ☐ MEQ ☐ Others		

Part C: Details		
Description:	Glue to fix Mop Plates, Kick Plates & Armor Plates at Wooden Doors	List of Attachments:
Proposed Material:	Wurth Multi High Strength Power Glue	☑ Material Submittal Cover Page ☐ Technical Submittal Checklist ☑ Product Technical Documentation ☐ Country of Origin Certificate ☐ International Certification ☐ Product Technical Catalogue ☐ Schedule of Locations ☐ List of all included features ☐ List of Exclusions ☐ List of Disposables/Consumables ☐ Sample Tag Form ☑ Compliance Sheet ☐ Copy of related Specification ☐ Copy of related BoQ ☐ Copy of related Drawings ☐ Previous test results ☐ Samples with Sample Tag ☐ Copy of Vendors Approval ☐ Copy alternative material approval ☑ Others: (Specify.....)
Specified Material:	Not specified	
Spec/BoQ/Drawing Ref:	**Specs:** Division 08 1400	
Justification of Alternative Material:	N/A	
Estidama Compliance Approval:	N/A	
Manufacturer/Local Supplier:	**Supplier:** Wurth Gulf LLC **Subcontractor:** ASSA ABLOY /PROMETAL	
Other Remarks:	None	

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For Contractor :	*We do certify that the material submittal herewith has been reviewed in details and in accordance with the Contract Documents except as otherwise stated here above*				
	Discipline Engineer	QA/QC Section	Technical Manager	MEP Section	Project Manager
Name	Federico Marin / Senthil Kumar	Venkateswaran. R	John Karatsalos	N/A	N/A
Designation	Sr. Architect / Tech. Engr	QA/QC Manager	Technical Manager		
Signature					
Date	28/02/2018 25/02/18	01/3/18	1.3.18		

Part D: Employer/ Engineer Response[1]:		
Employer/ Engineer's Response	-Contractor shall follow manufacturers itechnical literature for adhesive being fixed on different surfaces. -First in place/Mockup to be provided for approval .	
Approval	☐ A: Approved	☐ B: Approved with Comments ☐ C: Revise & Resubmit ☐ D: Rejected

Note (1): Employer's/Engineer's approval is for conformance with information given and design concept expressed in Contract Documents. Approval does not authorize changes to Contract Documents. Employer's/Engineer's approval does not relieve the Contractor from his contractual obligation to ensure conformance to all Contract Documents. Any deviations, to the Contract Documents found subsequent to Employer's/ Engineer's approval are to be corrected by the Contractor at no extra Cost/Time to the Employer

For Employer/ Engineer:		
	For Engineer	For Musanada
Name	THOMAS EDDE	Naser Abu Ebed
Designation		Sr. Architect
Signature		
Date	22/03/2018	25/03/18

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ARABTEC SANJOSE JOINT VENTURE 26 MAR 2018 Ref 3:00 pm RECEIVED

ARABTEC SANJOSE JOINT VENTURE

Material Submittal Attachments

S.No	Description
1	Material Submittal Form
2	Compliance Statement
3	Technical Data Sheet
4	Material Safety Data Sheet

Material Compliance Statement

Attachment to Material Submittal Form

Record Reference:	Date: 12/9/18
Material Submittal Ref. MSF-2244 Rev-00	

Discipline ☐ Civil ☑ Architecture ☐ Mechanical ☐ Electrical ☐ MEQ ☐ Others

Sl No.	Description	Specified	Proposed	Remarks
1	*Supplier*			
		Not specified	Wurth Gulf LLC	
2	*Source of Supply*			
		Not specified	UAE	
3	*Area of Use*			
		At Wooden Doors	At Wooden Doors	
4	*Properties*			
		Not specified	Data Sheet attached	

Note: The Contractor is to attach copy of the relevant related specification endorsed, signed and stamped to confirm compliance.

Contractor's Statement: We certify that the information submitted herewith has been reviewed in details and in compliance with the contract drawings and specifications except as otherwise stated here above.

Contractor Authorized Signature and Stamp:

Received By	**Date**

WÜRTH

WÜRTH GULF SUBMITTAL

MULTI HIGH-STRENGTH ADHESIVE

COUNTRY OF ORIGIN



Date : May 8 , 2024

Country of Origin

We herewith declare under our sole responsibility that:

Item Number	Item Description	Country of Origin
0893110112	Multi high-strength adhesive - D4	Italy

is manufactured exclusively in our factories in Italy under supervision of our Wurth Quality Control laboratories.

We trust to have been of service with this declaration and remain

With kindest regards,



Product Department

Abdul Rahman Hussein

Wurth Gulf FZE-Plot # S61303, Jebel Ali South 6 ,Dubai ,U.A.E - P.O.Box:17036
T: +9714 8809991, 04 8834229(old), F: +971 4 8809255, 04 8834303(old), E: wurthglf@emirates.net.ae -
www.wurth.ae