WÜRTH GULF SUBMITTAL

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml



WÜRTH

COMPANY PROFILE

Würth Means quality everywhere and every time



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.

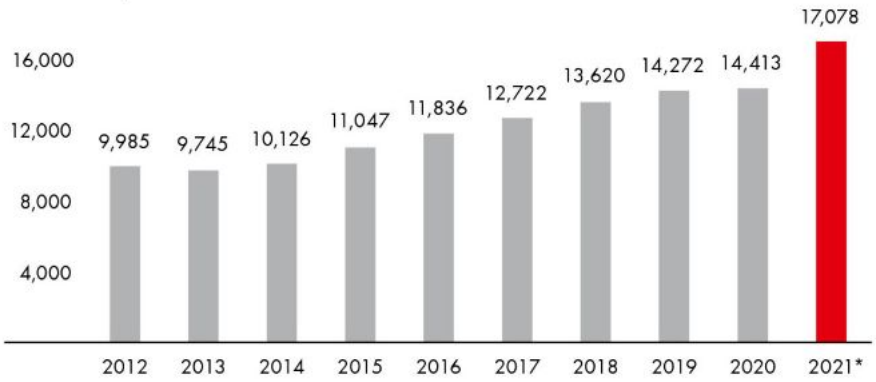
The Würth Group also lives up to its environmental responsibility. Being carbon neutral and operating in a circular way are focus topics. Adolf Würth GmbH & Co. KG wants to be carbon-neutral at all sites in Germany by 2024. The Sustainability Report that will be published in the fall of 2022 will contain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

FACTS AND FIGURES

Würth Group 2021

Sales

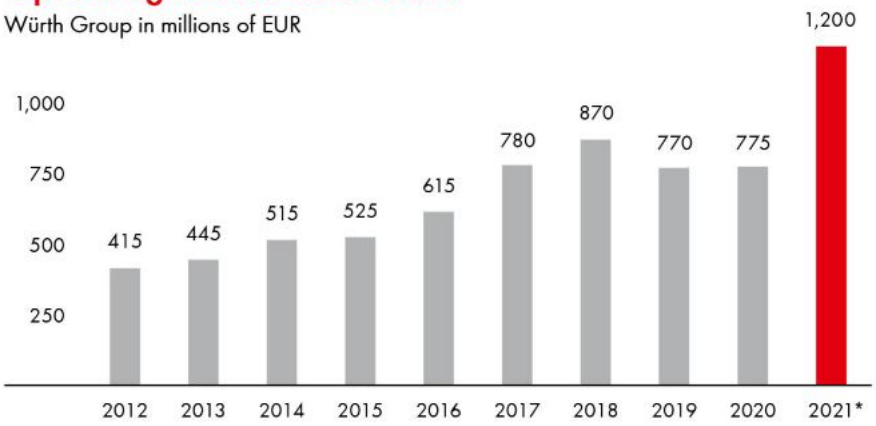
Würth Group in millions of EUR



* 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.

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.



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''.

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.



REFILLOMAT® SYSTEM

The safe and economical system for manual refilling of spray cans with active substances and compressed-air. Take advantage of significant savings and cut down on your carbon footprint by replacing regular aerosol cans with a Würth REFILLOmat® station in your auto shop or fleet maintenance facility. The REFILLOmat® station charges refillable spray cans with 400ml of the product (active ingredient) and propellant (compressed air) automatically within 7 seconds.

Like an ordinary aerosol can, a REFILLOmat® can spray in every direction and gives you the look, feel, and pressure of an aerosol can at a reduced cost, with no dangerous propellants. The Bulk program includes 30 or 55 Gallon drums of Regular, Low VOC, or Zero VOC Brake Cleaner or Multi-Purpose Solvent.





ORSY SYSTEM

''Storage Management : Ordering and Stocking with a System
On the safe side with ORSY®.''
''A magical refilling system for shelving!''
''Never forget a thing. Always have everything you need on hand when you need. 100% systems, 0% stress: Würth specialises in storage management and provides you an enormous range of services .''





ORSY – ORDER WITH A SYSTEM
A modular system of customized rack components meets the special requirements of customers as the whole configuration and design of the rack system is specified by the customer.

- Individual storage locations labeled with a barcode are easily entered using the scanner system of Würth to trigger reorders electronically via the online shop
- Storage and supply of commodities and consumables as required
- Ideal solution for commodities and consumables required on an irregular basis

Please contact our System specialist
wurth.systems@wurth.ae or call +971(0)56 415 2922

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.



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 Mirth products and service strategies** with the goal of offering our customers the best health protection modem 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-Wurttemberg.

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

Ecological product lines and application solutions

- ECOLINE
- WÜRTH isi!! - Online hazardous material management
- REFI LLO®MAT

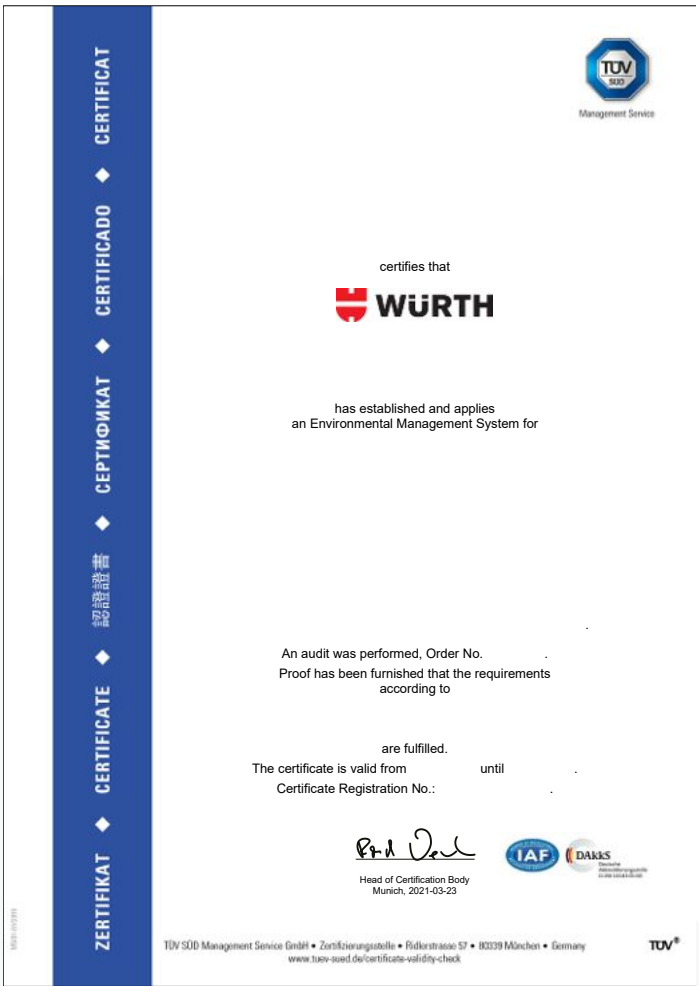
Goals of environmental management

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





PRODUCT AND PROCESS QUALITY

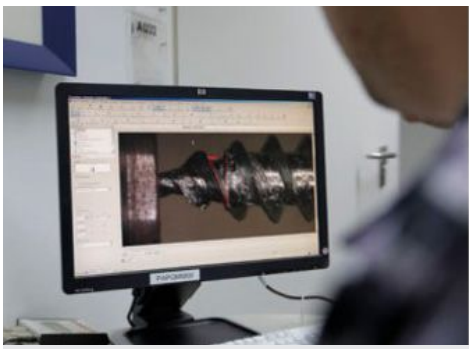
Product development
With an extensive global in-house product development team, we strongly rely on close cooperation between quality assurance, product management and product development. Market-specific product requirements are determined prior to the start of project and detailed practice-orientated testing is conducted during the entire development process.

New products
Before any product is added to our range, it is subjected to several days of endurance testing in our network of test laboratories, all of which are certified to DIN EN ISO/IEC 17025.

Product improvements
Customers play an important role in continuous improvement. With a highly experienced, in house team of local experts, we listen and guide customers on their applications and experiences. Feedback is captured and used to further develop the ever growing and expanding product range.
Occurring product reclamations are processes on a timely basis. In case of a reclamation increase for a particular product, we act immediately to develop potential problem solutions early on.

Quality Management System
Our quality philosophy does not only refer to our product quality but also to our internal processes including sourcing, warehousing and the dispatch of goods. Since 1997 we have implemented a Quality Management System which fulfills the criteria of the ISO 9001 : 2015 standard.

WÜRTH TEST LABORATORIES



Measuring microscope



Robot test rig



Infrared spectroscope



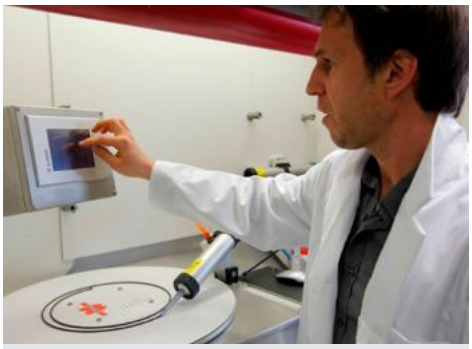
Spark emission spectrometer



Weather simulation cabinet



Salt-spray chamber



Dispensing unit
(internal development)



Lamp test rig



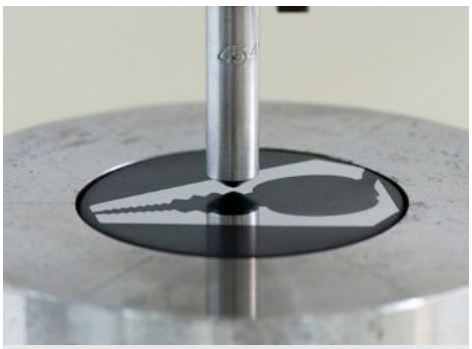
Spectral photometer



Tension testing



Screw-in test



Vickers hardness tester

Würth Gulf

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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.

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to be successful, and we try out new things.
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We assume responsibility for our actions, work in mutual
respect and appreciation, are straightforward and
predictable in everything we do.
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"Thank You".

WE SERVE THE FOLLOWING MARKET SECTOR:

- Auto Workshops
- Construction Companies
- Industrial Companies
- Metal and Fabrication
- Maintenance and Repair Shops
- Oil and Gas Sector
- All other Manufacturing sectors.

OUR PRODUCT RANGE

- Automotive/Cargo Accessories and Spare Parts
- Chemical Technical Products
- Concrete Anchors and Fixings
- Construction Accessories
- Electrical
- Fasteners/Fittings
- Fire Protection Systems
- General Tools/Equipment
- Hand and Power Tools
- Lubricants and Degreasers
- Master ® Power Tools
- Material Processing
- Orsy® Assortments and Workshop Equipment
- Personal Protective Equipment (PPE)
- Sanitary
- Sealants and Adhesives
- Service and Systems
- Workshop/Garage Equipment



Over 3 million customers

Worldwide, there are over 400 Würth companies in more than 80 countries and more than 70,000 employees on its payroll. This guarantee our customers can rely on our high quality, excellent service and innovative products.

To each customer Würth allocates our Sales Consultant, who is strongly focused on the individual needs of the client. We have adopted this attitude to benefit you, the customer. Our daily commitment helps us to find new approaches so that we always improve. We aim to supply every customer with every article at any time in any place. We therefore have developed modular systems and logistics tailored to the individual needs of the customers. In October 2009, we won the German Logistics Award for this concept.

Our philosophy

We owe it to Prof. Reinhold Würth that the Würth Group has a clear business orientation: It is marked by a strong brand policy, future-oriented product strategy, closeness to the customer, clear quality offensive, thinking in terms of visions and not least by a strong corporate culture. Bettina Würth, Prof. Reinhold Würth's daughter and Chairwoman of the Advisory Board together with the members of the Central Managing Board see to it that these values are filled with life and developed further.

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TRADE LICENSE



حكومة دبي
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
THE EMIRATES

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وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي .لمراجعة صحة البيانات الواردة في الرخصة يرجي مسح رمزالاستجابة السريعة

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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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الإمارات THE EMIRATES

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حكومة دبي
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
THE EMIRATES

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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وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي .لمراجعة صحة البيانات الواردة في الرخصة يرجي مسح رمزالاستجابة السريعة

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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)

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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**

الإمارات
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حكومة دبي
GOVERNMENT OF DUBAI

دبي
للاقتصاد والسياحة
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
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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

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Dubai Chamber of Commerce & Industry

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Fax (+971) 4 2211646 فاكس | customercare@dubaichamber.ae | www.dubaichamber.ae

WÜRTH GULF SUBMITTAL

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml

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

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml

TECHNICAL DATASHEET



MS HYBRID POLYMER HIGH TACK



Art.No. 0893 226101
Contents: 290ml P.Qty: 1/12

Structural adhesive with extreme initial SMP based bonding

Extremely high initial bonding (High Tack)
- Does not slip when applied vertically
- No additional fixing necessary

Permanently elastic adhesive joint
- Smooths out unevenness and material stresses
- Absorbs acoustic and mechanical vibrations

Universal application indoors, outdoors and underwater
- Perfect adhesion, largely without primer, to most including moist surfaces
- Good UV stability and weathering resistance outdoors
- Can be painted over after fully drying
- Not corrosive to metals

High final tensile strength
Waterproof and saltwater-proof
Solvent- and silicone-free

Technical data	
Chemical basis	Silane terminated polymer
Container	Cartridge
Colour	White
Density	1.49 g/cm³
Full curing speed/conditions	3 mm/d / 23 °C and 55% relative humidity
Min. tensile strength	3.2 N/mm²
Min. combined tension and shear resistance	1.8 N/mm²
Min. breaking elongation	280%
Min./max. processing temperature	5 to 40 °C
Min./max. temperature resistance	-40/+100, with brief points at +120
Shelf life from production/conditions	12 Month / at 5 °C to 25 °C
Silicone-free	Yes
Solvent-free	Yes (<1 g/l VOC)
Isocyanate-free	Yes
PVC-free	Yes

Application

Suitable for bonding in the construction and metals industries, assembly bonds, vehicle and caravan construction, vehicle superstructures, machine and container construction, glass bonding in furniture and display case construction, solar and wind power plants, various industrial areas, apparatus and plant construction etc. E.g. bonding of door frames, windowsills, corner profiles, sheets, panels, floor panels, cable ducts, stair construction, laminate laying, trim strips, signpost attachment, wood constructions, insulation materials.

Note

Not suitable for expansion joints and natural stone.

Instructions

The application surfaces must be solid, clean, dry and free from grease and oil. Apply the adhesive using a suitable application gun. Apply adhesive in vertical beads at a distance of 10 cm to 20 cm. Place the work pieces in the correct position within the skin formation time and press these together to ensure that the thickness of the adhesive between the material and surface is at least 2 - 3 mm. Do not apply the adhesive in dots! Due to the high initial strength, fixing is not normally required during hardening. Reseal the opened cartridge so that it is airtight.
Remove any adhesive that has escaped while it is still fresh. Cleaning hardened adhesive can only be done mechanically.

MS HYBRID POLYMER HIGH TACK









Compatibility Table								
Metals	Aluminium	Yes	**Plastic**	ABS	Yes	**Stone and construction materials**	Concrete	Yes
	Lead	Yes		GRP	Yes		Bituminous surfaces	No
	Stainless steel	Yes		Rubber	No		Aerated concrete, gypsum, gypsum plasterboard	Yes
	Copper	Yes		Rigid foams	No		HPL	Yes
	Brass	Yes		Neoprene	No		Artificial stone	Yes
	Steel/iron	Yes		PE/PP	No		Cement fibreboards	Yes
	Zinc	Yes		PMMA	No	**Other**	Enamel	Yes
Wood and wood materials	Decorative panels	Yes		PU	Yes		Glass	Yes
	Wood (MDF, chipboard)	Yes		PVC	Yes		Fibre glass	No
	Cork	Yes		Silicone	No		Mirror	Yes
	Laminated panels	Yes		Styrofoam	No		Porcelain, ceramic, tiles	Yes

Related products	Art.No.
Cartridge cutter	**0715 6609**
Surface cleaner Activating Cleaner	**0890 10060**
Manual cartridge gun, High-quality	**0891 310-AE**
Special cartridge nozzle V-Cut	**0891 65113**

Related products for	Designation	Art.No.
Art.No. 0893 226101	Pneumatic application gun Juniorfix	**0703 891310**
	Cordless application gun AKP 12 COMPACT M-CUBE®	**5701 107004**
	Surface bonding agent Primer for Metal	**0890 10061**
	Universal cleaner Type 60 1 l	**0892 130030**
	Cleaning cloth Tex-Rein	**0899 810**

The usage instructions are recommendations based on the tests we have conducted and on our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no liability is assumed in relation to the provision of this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee the consistent quality of our products. We reserve the right to make technical changes and further develop products. Please observe the technical data sheet!

Date: November 2, 2023

LIMITED WARRANTY CERTIFICATE FOR WÜRTH MS HYBRID POLYMER

We as Würth Gulf FZE and under our sole responsibility confirm a 10 year warranty on material specifications and against material defects including discoloring for our MS Hybrid Polymer Instant Adhesive ART. 0893 226101 conditional to application in accordance to our recommendations.

The draft warranty shall be replaced with a final warranty addressing the project end user subject to the following:

1. The application is made in accordance to ASTM C1193 Standard Guide for Use of Joint Sealants and/or our technical instructions whichever is more stringent.
2. Supplied material is invoiced and paid by the end user.

Disclaimer: This warrantee is restricted to replacement of defective material against the original invoice cost, Würth Gulf does not take responsibility for any defects caused by wrong application during installation or when material is applied on non-conforming substrates.

We trust to have been of service with this confirmation and remain,

With kindest regards,

Tamer ASSAF
Product Department
Wurth Gulf FZE

DRAFT

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

WÜRTH GULF SUBMITTAL

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml

MSDS



SAFETY DATA SHEET

0893 226101 – MS HYBRID POLYMER INSTANT ADHESIVE - 290ML

Version 2.0 Revision Date 03.16.2015 Print Date 03.16.2015 AE / EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name : MS HYBRID POLYMER INSTANT ADHESIVE

Product Code : 0893 226101

1.2 Relevant identified uses of the mixture and uses advised against

Intended use One component, methoxy silane-based, adhesive for generic industrial applications.

1.3 Details of the supplier of the safety data sheet

Company : Wurth Gulf Fze
POBox 17036
Dubai
Utd. Arab Emir.
E-mail address: wurthgulf@emirates.net.ae

Telephone : +9714 8834229
Telefax : +9714 8834303

1.4 Emergency telephone number

Emergency telephone Advisory office in case of poisoning
+9714 8834229

Telephone number of the company in case of emergencies
+97150 5646023

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

2.1.1 Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2 Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements:

EUH208 Contains: N-[3-(TRIMETHOXYSILYL)PROPYL]ETHYLENEDIAMINE.
May produce an allergic reaction.

Precautionary statements: --

Safety data sheet available for professional users on request.

2.3 Other Hazards.

Information not available.

SECTION 3: Composition/information on ingredients.

3.1 Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification 67/548/EEC.	Classification 1272/2008
(CLP). 2-(3,5-DI-TERT-PENTYL-2-HYDROXYPHENYL) BENZOTRIAZOLE			
CAS. 25973-55-1 *EC. 247-384-8* *INDEX.* *Reg. no. 01-2119955688-17-xxxx*	0,15 - 0,2	Xn R48/22, R53	STOT RE 2 H373, Aquatic Chronic 4 H413

Note: Upper limit is not included into the range.
The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

T+ = Very Toxic(T+), T = Toxic(T), Xn = Harmful(Xn), C = Corrosive(C), Xi = Irritant(Xi), O = Oxidizing(O), E = Explosive(E), F+ = Extremely Flammable(F+), F = Highly Flammable(F), N = Dangerous for the Environment(N)

SECTION 4: First aid measures.

4.1. Description of first aid measures.

EYES: remove immediately with a clean cloth or paper and wash affected area with soap and water.
SKIN: take off contaminated clothing. Wash immediately with plenty of water. If irritation persists, consult a doctor. Wash contaminated clothing before reuse.
INHALATION: In case of feeling unwell remove patient to fresh air and seek medical attention if breathing difficulty succeeding.
INGESTION: eject the product and rinse mouth with water.

4.2. Most important symptoms and effects, both acute and delayed.

Prolonged contact may cause allergic reactions.

4.3. Indication of any immediate medical attention and special treatment needed.

Consult a doctor if symptoms are severe or in the case of persistent irritation of the skin.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT
Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.
UNSUITABLE EXTINGUISHING EQUIPMENT
Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION
Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS
Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.
Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.
Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges.
Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

AUS	Österreich	Grenzwerteverordnung 2011 - GKV 2011
BEL	Belgique	AR du 11/3/2002. La liste est mise à jour pour 2010
CYP	Κύπρος	Κ.Δ.Π. 268/2001; Κ.Δ.Π. 55/2004; Κ.Δ.Π. 295/2007; Κ.Δ.Π. 70/2012
DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	Publicación: Límites de Exposición Profesional para Agentes Químicos en Espana 2012
FIN	Suomi	HTP-arvot 2012. Haitallisiksi tunnetut pitoisuudet - Sosiaali- ja terveysministeriön julkaisuja 2012:5 FRA France JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GRB	United Kingdom	EH40/2005 Workplace exposure limits
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012
HRV	Hrvatska	NN13/09- Institut za sigurnost Zagreb
IRL	Éire	Code of Practice Chemical Agent Regulations 2011
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Databank of the social and Economic Concil of Netherlands (SER) Values,
AF 2011:18 SWE	Sverige	Occupational Exposure Limit Values, AF 2011:18
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.TLV-ACGIH ACGIH 2014

VINYLTRIMETHOXYSILANE.								
Predicted no-effect concentration - PNEC.								
Normal value in fresh water								
Normal value in marine water								
Normal value for fresh water sediment								
Normal value for water, intermittent release								
Normal value of STP microorganisms								
Normal value for the terrestrial compartment								
Health – Derived no-effect level – DNEL / DMEL								
Effects on consumers.					Effects on workers.			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.			VND	0,3 mg/kf/d				
Inhalation.	VND	93,4 mg/m3	VND	1,04 mg/m3			VND	4,9 mg/m3
Skin.	VND	26,9 mg/kg/d	VND	0,3 mg/kg/d			VND	0,69 mg/kg/d

DIBUTYLTIN DILAURATE			
Threshold Limit Value.			
Type	Country	TWA/8h	STEL/15min.
		mg/m3 ppm	mg/m3 ppm
OEL	ITA	0,1	0,2

METHANOL						
Threshold Limit Value.						
Type	Country	TWA/8h		STEL/15min.		
		mg/m3	ppm	mg/m3	ppm	
MAK	AUS	260	200	1040	800	SKIN.

METHANOL						
Threshold Limit Value.						
Type	Country	TWA/8h		STEL/15min.		
		mg/m3	ppm	mg/m3	ppm	
VLEP	BEL	266	200	333	250	SKIN.
TLV	CYP	260	200			SKIN.
AGW	DEU	270	200	1080	800	SKIN.
MAK	DEU	270	200	1080	800	SKIN.
VLA	ESP	266	200			SKIN.
HTP	FIN	270	200	330	250	SKIN.
VLEP	FRA	260	200	1300	1000	SKIN.
WEL	GRB	266	200	333	250	SKIN.
TLV	GRC	260	200	325	250	
GVI	HRV	260	200			SKIN.
MDK	HRV	260	200	310	250	
OEL	IRL	260	200			SKIN.
TLV	ITA	260	200			SKIN.
OEL	NLD	133	100			SKIN.
MAK	SWE	250	200	350	250	SKIN.
OEL	EU	260	200			SKIN.
TLV-ACGIH		262	200	328	250	

Legend:
(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.
VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2 Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.
When choosing personal protective equipment, ask your chemical substance supplier for advice.
Personal protective equipment must be CE marked, showing that it complies with applicable standards.
HAND PROTECTION
Protect hands with category III work gloves (see standard EN 374).
The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.
The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.
SKIN PROTECTION
Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.
EYE PROTECTION
Wear airtight protective goggles (see standard EN 166).
RESPIRATORY PROTECTION
If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.
Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.
If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS.
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties.

Appearance	paste
Colour	various
Odour	characteristic
Odour threshold	Not available
pH	Not available
Melting point / freezing point.	Not available
Initial boiling point.	Not available
Boiling range.	Not available
Flash point.	> 250 ˚C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit.	Not available
Upper inflammability limit.	Not available
Lower explosive limit.	Not available
Upper explosive limit.	Not available
Vapour pressure.	Not available
Vapour density	Not available
Relative density.	1,59 Kg/l
Solubility	insoluble in water
Partition coefficient: n-octano/water	Not available
Auto-ignition temperature.	> 250 ˚C
Decomposition temperature.	Not available
Viscosity	320000 - 400000 cps
Explosive properties	Not available
Oxidising properties	Not available

SECTION 10. Stability and reactivity.

10.1 Reactivity

Product reacts slowly with water (ambient humidity) turning into a rubbery solid and producing METHANOL.

10.2 Chemical stability

Product stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions.

Under conditions of normal use and storage not hazardous reactions are foreseeable.

10.4 Conditions to avoid.

Humidity.

10.5 Incompatible Materials

Water.

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

SECTION 11. Toxicological information.

11.1 Information on toxicological effects.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.
It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

2-(3,5-DI-TERT-PENTYL-2-HYDROXYPHENYL) BENZOTRIAZOLE
LD50 (Oral). > 2000 mg/kg ratto

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1 Toxicity

2-(3,5-DI-TERT-PENTYL-2-HYDROXYPHENYL) BENZOTRIAZOLE
LC50 - for Fish. > 100 mg/l/96h

12.2 Persistence and degradability.

Information not available.

12.3 Bioaccumulative potential.

Information not available.

12.4 Mobility in soil.

Information not available.

12.5 Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6 Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1 Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.

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

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.
None.

Substances in Candidate List (Art. 59 REACH).
2-(3,5-DI-TERT-PENTYL-2-HYDROXYPHENYL) BENZOTRIAZOLE Reg. no.: 01-2119955688-17-xxxx

Substances subject to authorisarion (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg.
649/2012: None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

German regulation on the classification of substances hazardous to water (VwVwS 2005).
WGK 2: Hazard to waters

15.2 Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic toxicity, category 4
H373	May cause damage to organs through prolonged or repeated exposure.
H413	May cause long lasting harmful effects to aquatic life.

Text of risk (R) phrases mentioned in section 2-3 of the sheet:

R48/22	HARMFUL: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED.
R53	MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

LEGEND:
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number

- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
  WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EU) 1907/2006 (REACH) of the European Parliament
4. Regulation (EU) 1272/2008 (CLP) of the European Parliament
5. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EU) 453/2010 of the European Parliament
7. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
8. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
9. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
10. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
11. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- Niosh - Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  ECHA website

Note for users:
The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.
This document must not be regarded as a guarantee on any specific product property.
The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.
Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:
The following sections were modified:
01 / 02 / 03 / 07 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

WÜRTH GULF SUBMITTAL

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml

Country of origin



November 2, 2023

Declaration of Country of Origin

We herewith declare under our sole responsibility that **MS HYBRID POLYMER INSTANT ADHESIVE Art. # 0893 226101** is manufactured exclusively in our factories in EUROPE under supervision of our Würth Quality Control laboratories and the country of origin is **Italy**.

We trust to have been of service with this declaration and remain
With kindest regards,

Jeroen Nijland
Product Department Manager
Würth Gulf Fze

Plot # S61303, P.O.Box: 17036, Jebel Ali, Dubai - U.A.E. Tel: +971 (4) 8809 991, Fax: +971 (4) 8809 255
E-mail: wurthglf@emirates.net.ae Website: www.wurth.ae www.wurth.com

WÜRTH GULF SUBMITTAL

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml

- LEED/ TEST REPORT / DCL REPORT



GOVERNMENT OF DUBAI

DUBAI MUNICIPALITY

TYPE 1B CERTIFICATE OF PRODUCT CONFORMITY

ISSUED TO	:	WURTH GULF FZE JAFZA SOUTH 6/ DUBAI-UAE Representative TAMER.ASSAF CATEGORY MANAGER
PRODUCT DESCRIPTION	:	WURTH MS HYBRID POLYMER HIGH TACK Batch Number: As per attachment QUANTITY: 17508 Pieces MANUFACTURER: WURTH GULF FZE
STANDARD SPECIFICATIONS:	:	Al Sa'fat Clause 404.02 (Adhesives and Sealants)
TITLE OF STANDARD	:	Al Sa'fat Green Building Regulations and Specifications
SPECIFIC RULES NO.	:	RD-DP32-5109 (IC)
EVALUATION REPORT NO.	:	RA22051795
SAMPLE ID. NO./SENDER NO.	:	AJ4224

ATTESTATION

Dubai Central Laboratory Department-<u>Products Conformity Assessment Section</u> hereby attests that the product as described above conforms to the requirements of the standard specifications as mentioned.

This attestation is based on the results of tests conducted on samples selected from the above product using a sampling procedure given in the specific rules and evaluated as per attached Evaluation Report. It is applicable only to the product as described in this Certificate and does not cover the entire production of the factory.

IAF eiaCI CB-PRD-001

DCL PRODUCT CONFORMITY

ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager
Dubai Central Laboratory Department

Certificate No: BBCE-2021-001347
Date Issued: 20/01/2022
Valid Up To: 19/01/2023

This certificate shall not be reproduced except in full and any alteration on this document will invalidate this certificate. The Evaluation Report mentioned above forms an integral part of this Certificate.This Document is electronically approved and does not required a signature.To verify the authenticity of this document please scan the above QR Code. This certification is in accordance with Certification Scheme Type 1b as described in ISO/IEC 17067

Certificate No.: 20172042259
Date: April 3, 2017

CONFIRMATION OF TECHNICAL PROPERTIES

To :

We as Würth Gulf hereby confirm that our MS Hybrid Polymer Instant Adhesive Art. No. 0893 226 101 can be safely used for fixing mirrors onto ceramic tiles.

The material is especially formulated to have early strength development for various applications. It gives a green shear strength of more than 32g/cm2, and a final Tensile strength > 2.8 MPa in accordance to (ISO 37 DIN 53504).

The application of the material shall be done in vertical lines with spacing not exceeding 70 mm for instant adhesion onto substrate.

We trust to have been of service with this confirmation and remain,

With kindest regards,

for

Jeroen Nijland
Product Department Manager
Würth Gulf FZE

WURTH P.O.Box: 17036 Jebel Ali Dubai - U.A.E. WURTH GULF FZE

Wurth Gulf FZE-Plot # S61303, Jebel Ali South 6 ,Dubai ,U.A.E - P.O.Box:17036
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WÜRTH MS HYBRID POLYMER INSTANT ADHESIVE ART. No. 0893 226 101

WÜRTH

****Mirror Weight /Unit Area KG/m^2	15.60	6mm thickness. assumed

1	2	3	4	5	6	7	8	9	10	11	12	13	11
Width mm	Height mm	Area mm^2	Area m^2	Weight KG	Weight N	Required Area mm^2**	Required Length (mm)	Practical Length** - Strips Length (Vertical Parallel Lines 20 cm c/c) cm	Resisting Force (N)	Initial Factor of Safety (Green)	No of adhesive lines	Quantity per mirror*** (ml)	Final Factor of Safety (Cured)
Given	Given	(1)X(2)	(3)/100,000	(4)X S.G.	(5)X10	(6)/0.0032	(7)/10	(2)X3/10	(9)X0.32	(10)/(6)	((1)/200)+1	(9)X0.4	(10)*10/(6)
800	1,000	800,000	0.80	12.48	125	39000	390	500	160	1.3	5	200ml	40.1
640	1,000	640,000	0.64	9.98	100	31200	312	420	134	1.3	4	168ml	42.1
2,230	1,000	2,230,000	2.23	34.79	348	108713	1087	1215	389	1.1	12	486ml	34.9
530	1,000	530,000	0.53	8.27	83	25838	258	365	117	1.4	4	146ml	44.1
1,400	1,000	1,400,000	1.40	21.84	218	68250	683	800	256	1.2	8	320ml	36.6
3,000	1,000	3,000,000	3.00	46.80	468	146250	1463	1600	512	1.1	16	640ml	34.2
6,000	1,000	6,000,000	6.00	93.60	936	292500	2925	3100	992	1.1	31	1240ml	33.1
3,300	1,000	3,300,000	3.30	51.48	515	160875	1609	1750	560	1.1	18	700ml	34.0

This is a preliminary design only! Please confirm result with your civil engineer!

The red highlighted mirror needs to be fixed quickly and carefully.

Calculation Notes:

*Calculations are based on immediate green shear strength by viscosity of adhesive of 32g/sqcm. After curing the tensile strength of the Mirror adhesive in 2.5 N/mm2 . Assumed in calculations of final factor of safety 10N/mm2 .

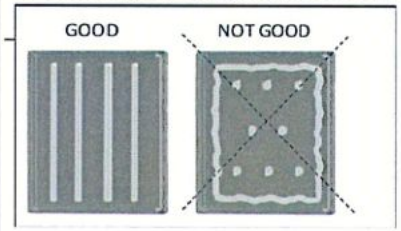
** Apply adhesive at vertical lines with 20 cm c/c spacing

*** Quantity is based in lines 10 mm wide and 4 mm thick

****Mirror Weight per squared meter needs to be verified by customer.

The calculation of the section forces is based on the Bernoulli hypothesis (flat surfaces remain flat), thus assuming an indefinitely rigid substrate.

Instant Adhesive Application MS Mirrors



These instructions are merely recommendations based on our experience. It is recommended to test each new type of application or surface to be treated.

Jeroen Niland
Product Department Manager
Wurth Gulf FZE

WÜRTH P.O.Box: 17036 Jebel Ali Dubai - U.A.E. WURTH GULF FZE

Dubai Central Laboratory

Construction Materials Laboratory Section - Chemical Analysis Unit

TEST REPORT

VOC CONT.OF ADHESIVES/SEALANTS/VARIOUS MATERIALS

Report No:	**100050169 (Rev.2)**	**Request No:**	**EMTX-2017-016904**
Project No:	PS17-1057	**Report Date:**	12/04/2017
Project Name:	TESTING SERVICE FOR WURTH GULF FZE		
Consultant:	NA		
Contractor:	WURTH GULF FZE		
Location:	WURTH GULF FZE JAFZA SOUTH 6,DUBAI-UAE		
Source:	ITALY		
Sample Description:	ADHESIVE		

Sampling Date/Time:	16/03/2017 12:00 AM	**Lot Number:**	Not Given
Receiving Date/Time:	19/03/2017 08:00 AM	**Lot Size:**	Not Given NA
Sample Size:	3 pieces	**Sender No:**	0893226101
Material/Mix type:		**Laying Date/Production Date:**	01/01/2017

Nominal Size / Working Block Size L * T * H (mm) : 290 ml

TEST RESULTS

PARAMETERS	RESULTS
VOC Content in g/L	<1

Sampled By:	Tamer Assaf	**Tested By:**	RAMAKM
Samples Brought By:	Tamer Assaf	**Testing Date:**	19/03/2017 10:46 AM
Sampling Method:	NOT GIVEN	**Sampling Report No:**	
Test Method:	DMS-0033:2016	**Test Method Variation:**	NIL
Remarks:	PRODUCT NAME:MS HYBRID POLYMER INSTANT ADHESIVE 0893226101		

To verify this document please go to **http://login.dm.gov.ae/wps/portal/documentverification** and
Enter Document ID: **EMTX-2017-016904** and Verification Code: **084-343** or scan the QR code below.

This Report is computer approved and authorized by Chemical Analysis Unit
It does not require any signature

P.O. BOX: 67 DUBAI, TEL : 00971-4-3369900, FAX : 00971-4-3366399
E-mail: labs@dm.gov.ae Website: http://www.dm.gov.ae

LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-1238/1
Sample No: WSP18-1238/1
Date of Report: 19/06/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 24th May 2018, the sample of MS Polymer was tested for physical parameters.

Sample description : Normal Poly wood + MS Polymer
Sample Received : 24/05/2018
Test Completion Date : 19/06/2018
Tested by : SK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2˚C, R. Humidity: 50±5%
Substrate Used: Normal Plywood
Curing Time 21 days

Sample No.	Requirement	Load (N)
WSP18-1238/1	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	73.1
		69.9
		68.4
	Average	70.5

Remark: Adhesion Bond loss: Nil

Remarks: The above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

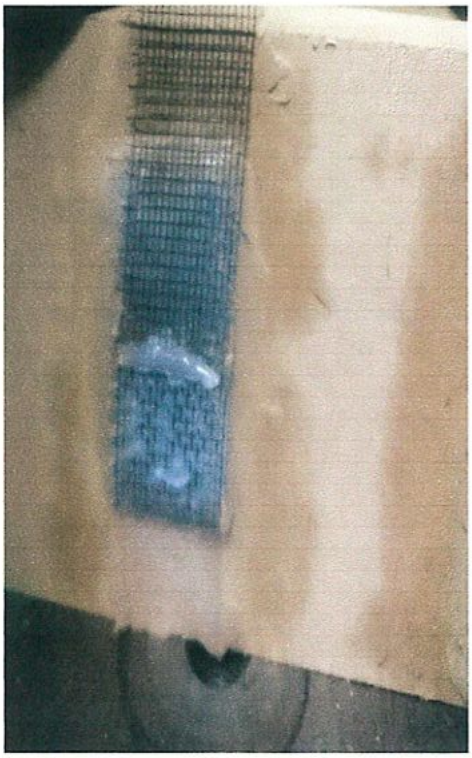
Binu K. Babu
Technical Manager
Test results relate only to the samples tested
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-End of text-

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TEST IMAGES





WIMPEY LABORATORIES
P.O.BOX:123279,DUBAI-U.A.E.

LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-1238/2
Sample No: WSP18-1238/2
Date of Report: 19/06/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 24th May 2018, the sample of MS Polymer was tested for physical parameters.

Sample description : WMP Plywood + MS Polymer
Sample Received : 24/05/2018
Test Completion Date : 19/06/2018
Tested by : SK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2˚C, R. Humidity: 50±5%
Substrate Used: WMP Plywood
Curing Time 21 days

Sample No.	Requirement	Load (N)
WSP18-1238/2	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	76.3
		105.1
		87.7
	Average	89.7

Remark: Adhesion Bond loss: Nil

Remarks: The above tested parameter meets the standard requirements of ASTM C920.

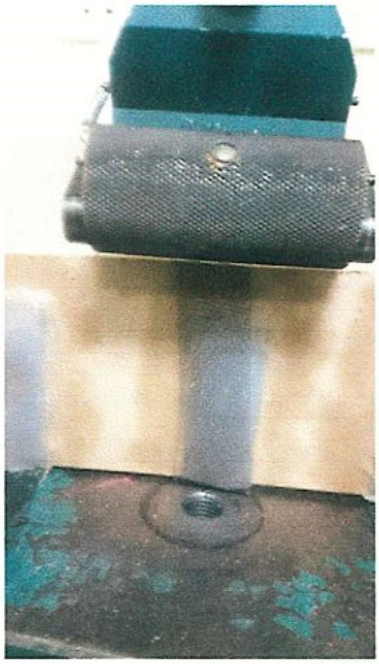
Signed for and on behalf of Wimpey Laboratories

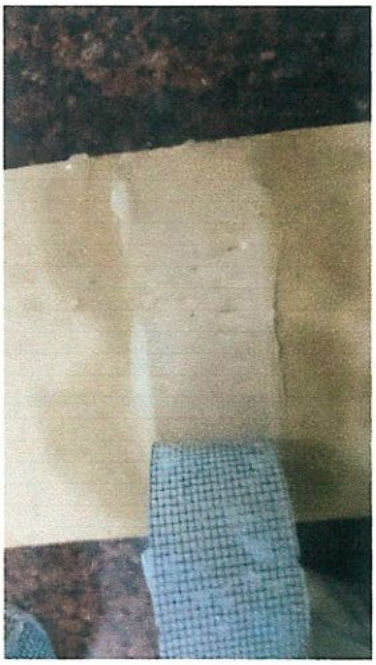
Binu K. Babu
Technical Manager

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TEST IMAGES





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LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-1238/3
Sample No: WSP18-1238/3
Date of Report: 19/06/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 24th May 2018, the sample of MS Polymer was tested for physical parameters.

Sample description : FR MDF + MS Polymer
Sample Received : 24/05/2018
Test Completion Date : 19/06/2018
Tested by : SK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2˚C, R. Humidity: 50±5%
Substrate Used: FR MDF
Curing Time 21 days

Sample No.	Requirement	Load (N)
WSP18-1238/3	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	67.3
		72.4
		72.6
	Average	70.8

Remark: Adhesion Bond loss: Nil

Remarks: The above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

Binu K. Babu
Technical Manager

Test results relate only to the samples tested
This report shall not be reproduced except in full, without the written approval of the laboratory.
-End of text-

WIMPEY LABORATORIES * P.O.BOX:123279 DUBAI-U.A.E *

Report No: WLRP18-1238/3

TEST IMAGES





WIMPEY LABORATORIES * P.O.BOX:123279 DUBAI-U.A.E. *

LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-1238/4
Sample No: WSP18-1238/4
Date of Report: 19/06/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 24th May 2018, the sample of MS Polymer was tested for physical parameters.

Sample description : Green MR MDF + MS Polymer
Sample Received : 24/05/2018
Test Completion Date : 19/06/2018
Tested by : SK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2°C, R. Humidity: 50±5%
Substrate Used: Green MR MDF
Curing Time 21 days

Sample No.	Requirement	Load (N)
WSP18-1238/4	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	64.3
		73.8
		51.9
	Average	63.3

Remark: Adhesion Bond loss: Nil

Remarks: The above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

WIMPEY LABORATORIES * P.O.BOX:123279.DUBAI-U.A.E. *

Binu K. Babu
Technical Manager

Test results relate only to the samples tested
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-End of text-

Report No: WLRP18-1238/4

TEST IMAGES





LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-1238/5
Sample No: WSP18-1238/5
Date of Report: 19/06/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 24th May 2018, the sample of MS Polymer was tested for physical parameters.

Sample description : cement Board + MS Polymer
Sample Received : 24/05/2018
Test Completion Date : 19/06/2018
Tested by : SK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2°C, R. Humidity: 50±5%
Substrate Used: cement Board
Curing Time 21 days

Sample No.	Requirement	Load (N)
WSP18-1238/5	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	64.3
		54.7
		45.1
	Average	54.7

Remark: Adhesion Bond loss: Nil

Remarks: The above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

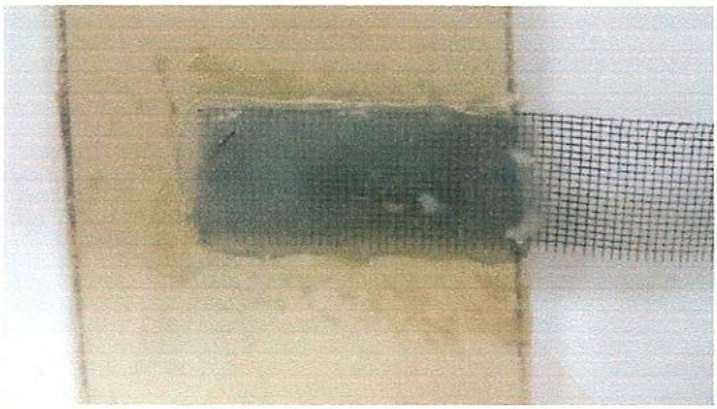
Binu K. Babu
Technical Manager

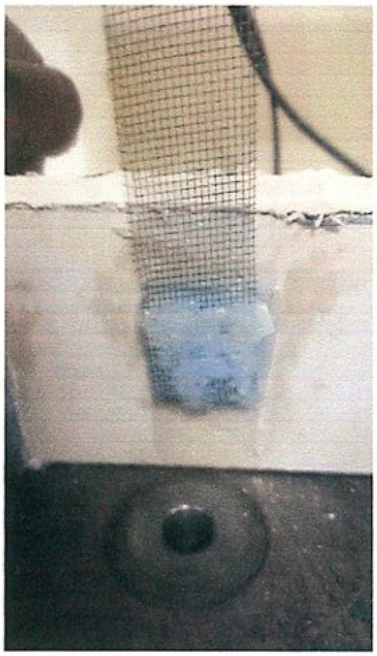
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-End of text-

Report No: WLRP18-1238/5

TEST IMAGES





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LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-1238/6
Sample No: WSP18-1238/6
Date of Report: 19/06/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 24th May 2018, the sample of MS Polymer was tested for physical parameters.

Sample description : Mirror + MS Polymer
Sample Received : 24/05/2018
Test Completion Date : 19/06/2018
Tested by : SK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2˚C, R. Humidity: 50±5%
Substrate Used: Mirror
Curing Time 21 days

Sample No.	Requirement	Load (N)
WSP18-1238/6	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	65.5
		60.5
		59.2
	Average	61.7

Remark: Adhesion Bond loss: Nil

Remarks: The above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

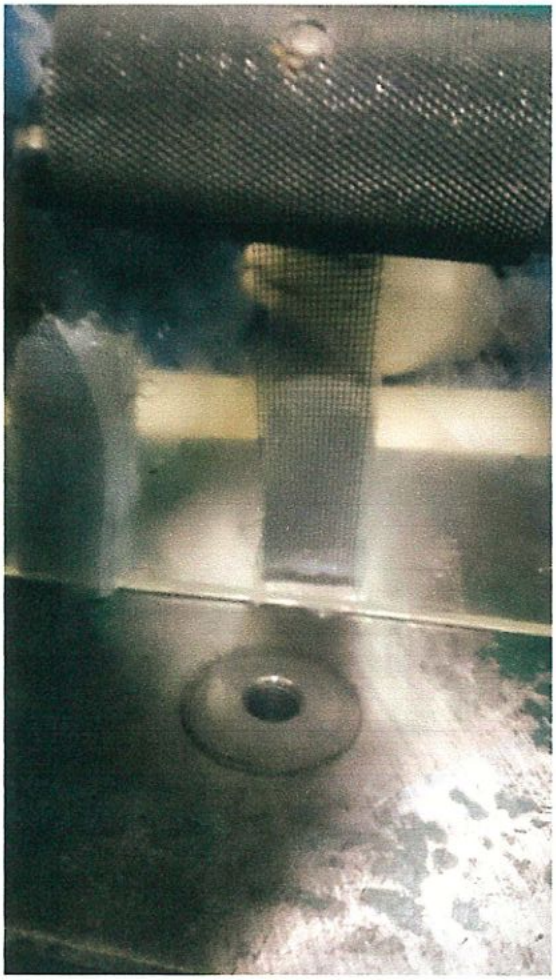
Binu K. Babu
Technical Manager

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Report No: WLRP18-1238/6

TEST IMAGES



تليفون : ٣٢٠٤٧١٧ ٤ ٩٧١+ • فاكس : ٣٢٠٤٧١٨ ٤ ٩٧١+ • ص.ب : ١٢٣٢٧٩ • دبي • الامارات العربية المتحدة
TEL : +971 4 3204717 • FAX: +971 4 3204718 • P.O.BOX : 123279 • DUBAI • UNITED ARAB EMIRATES
E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-0716/1
Sample No: WSP18-0716/1
Date of Report: 02/05/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 28th March 2018, the sample of MS Hybrid Polymer was tested for physical parameters.

Sample description : MS Hybrid Polymer
Sample Received : 28/03/2018
Test Completion Date : 21/04/2018
Tested by : PK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2°C, R. Humidity: 50±5%
Substrate Used: HPL Panel

Sample No.	Requirement	Load (N)
WSP18-716/1	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	189
		184
		186
	Average	186

Remark: Adhesion Bond loss: Nil

Remarks: the above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

Binu K. Babu
Technical Manager

Test results relate only to the samples tested
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WIMPEY LABORATORIES P.O.BOX:123279, DUBAI U.A.E.

LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-0716/2
Sample No: WSP18-0716/2
Date of Report: 02/05/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 28th March 2018, the sample of MS Hybrid Polymer was tested for physical parameters.

Sample description : MS Hybrid Polymer
Sample Received : 28/03/2018
Test Completion Date : 21/04/2018
Tested by : PK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2˚C, R. Humidity: 50±5%
Substrate Used: plain Gyproc Gypsum Board cutout.

Sample No.	Requirement	Load (N)
WSP18-716/2	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	31.0
		29.1
		29.9
	Average	30.0

Remark: Adhesion Bond loss: Nil

Remarks: the above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

Binu K. Babu
Technical Manager

Test results relate only to the samples tested
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-End of text-

WIMPEY LABORATORIES P.O.BOX:123279,DUBAI-U.A.E.

LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-0716/3
Sample No: WSP18-0716/3
Date of Report: 02/05/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 28th March 2018, the sample of MS Hybrid Polymer was tested for physical parameters.

Sample description : MS Hybrid Polymer
Sample Received : 28/03/2018
Test Completion Date : 21/04/2018
Tested by : PK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2°C, R. Humidity: 50±5%
Substrate Used: Gyproc Gypsum Board cutout with Gyproc joint compound applied over the surface.

Sample No.	Requirement	Load (N)
WSP18-716/3	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	24.9
		26.7
		28.1
	Average	26.6

Remark: Adhesion Bond loss: Nil

Remarks: the above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

Binu K. Babu
Technical Manager

WIMPEY LABORATORIES P.O.BOX:123279,DUBAI-U.A.E.

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LABORATORY REPORT ON ADHESION IN PEEL

Wurth Gulf FZE
PO Box 17036, Jebel Ali South Zone 6
Dubai – United Arab Emirates

Report No: WLRP18-0716/4
Sample No: WSP18-0716/4
Date of Report: 02/05/2018

Introduction: Further to the request received from **M/s. Wurth Gulf FZE** dated 28th March 2018, the sample of MS Hybrid Polymer was tested for physical parameters.

Sample description : MS Hybrid Polymer
Sample Received : 28/03/2018
Test Completion Date : 21/04/2018
Tested by : PK

Adhesion to Peel

Test Method: ASTM C794
Temperature: 23±2°C, R. Humidity: 50±5%
Substrate Used: Gyproc Gypsum Board cutout with primer applied over the surface.

Sample No.	Requirement	Load (N)
WSP18-716/4	The peel strength for each individual test shall not be less than 22.2 N (5 lbf). The sealant shall show no more than 25 % adhesive bond loss for each individual test.	28.4
		25.3
		28.0
	Average	27.2

Remark: Adhesion Bond loss: Nil

Remarks: the above tested parameter meets the standard requirements of ASTM C920.

Signed for and on behalf of Wimpey Laboratories

Binu K. Babu
Technical Manager

Test results relate only to the samples tested
This report shall not be reproduced except in full, without the written approval of the laboratory.

-End of text-

WÜRTH GULF SUBMITTAL

MS HYBRID POLYMER

Art. No. 0893 226101

Content: 290 ml

APPROVALS



S-3/996

Record Reference: MUS/AAH/DTF/____ Date: 9 September 2017

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-26842-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. 1993 regarding Sealant and Adhesive for HPL Wall Protection Panel.

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 ARABTECH SANJOSE JOINT VENTURE 10 SEP 2017 Ich 3:00 pm 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	1993
Employer	SEHA/Musanada	MSF Rev. No	00
PMC	Allen & Shariff	MSF Issue Date	27-08-2017
Engineer	IFO		
Contractor	Arabtec – Sanjose J.V		
Discipline:	☐ Civil ☐ Structural ☑ Architecture ☐ Mechanical ☐ Electrical ☐ MEQ ☐ Others		

Part C: Details		
Description:	Sealant and Adhesive for HPL Wall Protection Panel	List of Attachments:
Proposed Material:	Wurth Weather Sealant Wurth MS Hybrid Polymer Instant Adhesive	☑ 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:	Division 06 4000	
Justification of Alternative Material:	N/A	
Estidama Compliance Approval:	N/A	
Manufacturer/Local Supplier:	**Manufacturer/ Supplier:** Wurth Gulf LLC **Subcontractor:** MBT	
Other Remarks:	None	

RECEIVED 6059 07 SEP 2017 MUSANADA SITE OFFICE

RECEIVED 28 AUG 2017 AAH Main Works IFO

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	Bashar Abaza / Senthil Kumar	Venkateswaran. R	John Karatsalos	N/A	N/A
Designation	Sr. Architect / Tech. Engr	QA/QC Manager	Technical Manager		
Signature					
Date	24/08/17	27Aug 17	24/8/17		

Part D: Employer/ Engineer Response[1]:				
Employer/ Engineer's Response	No objection to the above materials subject to: - Application of both materials shall strictly follow manufacturers applicaion requirements. -Colour of the sealant shall be as per approved mockup for the HPL Wall protection panel.(RAL 1015 sample provided is not accepted) - All tests certificates and warranties shall be provided on request from the engineer on site as required.			
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, JADE	
Designation	HOA	
Signature		
Date	06.09.2017	06 SEP 2017

RECEIVED 07 SEP 2017 AAH Main Works IFO

ARABTECH SANJOSE JOINT VENTURE 10 SEP 2017 1st 3:00pm RECEIVED

22273

SEHA صحة | Musanada مسانده | Allen&Shariff DESIGN | BUILD | MANAGE | IFO JV | OBERMEYER | OBERMEYER | ARABTEC SANJOSE JOINT VENTURE

SAMPLE TAG FORM

Ref. ASJ-STF-AAH-010	*Rev. 00*	*Form Issue Date:*
Client : SEHA / MUSANADA	Engineer : IFO JV	
The Employer: MUSANADA	Contractor : ASJ JV	
PMC: ASC	Project Name & Location: NEW AL AIN HOSPITAL	

Material Detail: Sealant and Adhesive for HPL Wall Protection Panel

Item Description: Sealant and Adhesive for HPL Wall Protection Panel

Specs.Ref.: Division 06 4000

BOQ. Ref.:

Dwg. Ref.:

Block No. :

Level:

Element:

RECEIVED 20 AUG 2017 AAH Main Work IFO

Discipline:
- ☐ Civil
- ☑ Architectural
- ☐ Mechanical
- ☐ Electrical
- ☐ MEQ
- ☐ Other (state)

Material Submittal No.: MSF-1993-REV-06

Method Statement No.: _____ ITP No.: _____ Checklist No.: _____

Sketch attached to show the location(s)	☑ Yes	☐ No
Attached Test Certificates	☑ Yes	☐ No

Contractor Statement

We certify that the material submitted herewith is a specimen of the material which to be used in the areas described above, and in compliance with the contractor drawings and specification except as otherwise stated on the related Material Submittal Form. We undertake full responsibility to ensure that the material delivered at site is same as the approved sample

Received by Engineer on: Date: Time: Signed by:

Engineer's Inspectors Comments:

Witnessed Site Test Results (if any):

Ref: Report No: Testing Lab Representative Signature:

- ☐ Passed
- ☐ Failed
- ☐ N/A

Engineer's Final Comments & Decision: The Work is:

- ☐ A - Approved
- ☐ B - Approved with Comment
- ☐ C - Revise and Resubmit
- ☐ D - Rejected
- ☐ E - Approved with Comment/Resubmit

Remarks:

Please refer to comments on submittal form.
-Sealant colour not accepted- subject to approval in mockup.

Engineer : Thomas EASE Signature: Date: 10.09.2017

Contractor: Signature: Date:

Note: AAAA: Contractor's Abbreviation, B: Discipline (C for Civil, E for Electrical & M for Mechanical), NNN: Form Serial Number, XX: Revision Number, dd/mm/yyyy: day/month/year


Colour of sealant subject to approval of mockup
WÜRTH
WEATHER SEALANT
RAL SAMPLE
1015
WÜRTH
MS HYBRID POLYMER
RECEIVED
28 AUG 2017

مجموعة العمارة والتخطيط
ARCHITECTURE & PLANNING GROUP
P.O. Box 2833, Abu Dhabi, U.A.E. Tel. + 971 2 6333022 Fax. + 971 2 6332883 Email: apgconsl@emirates.net.ae

HYDRA AVENUE PHASE 2 – RT3 C7, C8 & C9

Subject : **Technical Submittal - Guardian mirror & Silicone, Marine Plywood**

Transmittal No : **TGC-HA-MAT-AR-0040 Rev.00**

Architectural Comments :

Status of approval: ***Revise and Resubmit***

1. Mirror sample quality is not accepted, as it must have neat and trim chamfers and edges.
2. Mirror sample to be free attach to the sample board in order to check the back surface finish.
3. Mirror chamfer size is recommended maximum 10mm.
4. No objection for proposed Mirror product type "ULTRA" 6mm thickness, copper free.
5. The proposed polymer adhesive material (WURTH-MS HYBIRD POLYMER) is accepted subject to the following:
   a. Submit no objection of using the proposed material from Mirror manufacturer (to ensure compatibility with the mirror's back paint and protection layer).
   b. Submit in due course the structural calculation for the adhesive application based in mirrors' sizes and weight.
6. The proposed sealant (Dow Corning 799) is not accepted, as it is non structural glazing support type.
7. No objection for the proposed marine plywood sample 18mm subject to comply with moisture resistance type-II film faced plywood as per attached data sheet.
8. LOGO/name of APG Supervision Consultant should be part of the submittal content and sample board.

Mr. Ramez Ibrahim Omar
Senior Architect
Architecture & Planning Group

الغصن لتجارة وتركيب الزجاج ذ.م.م.
AL GHUSSUN TRADING & INSTALLATION GLASS L.L.C

24 April 2017

Subject: Acknowledgement Letter

With this letter we would hereby like to compliment the outstanding product performance of WÜRTH MS Hybrid Polymer Instant Adhesive ART. 089322610 that we have utilized in our work in for the installation of glass, mirrors and shower doors since 2015.

This is also an acknowledgment on our satisfaction for professional technical support and timely service that your sales consultant Khalil Eid provides. His service has been an asset to our work. This type of professionalism and commitment to the highest level of customer's satisfaction has to be acknowledged. Having in mind such a pleasant experience with your products it would be my pleasure to continue doing business with your company in the future on new items.

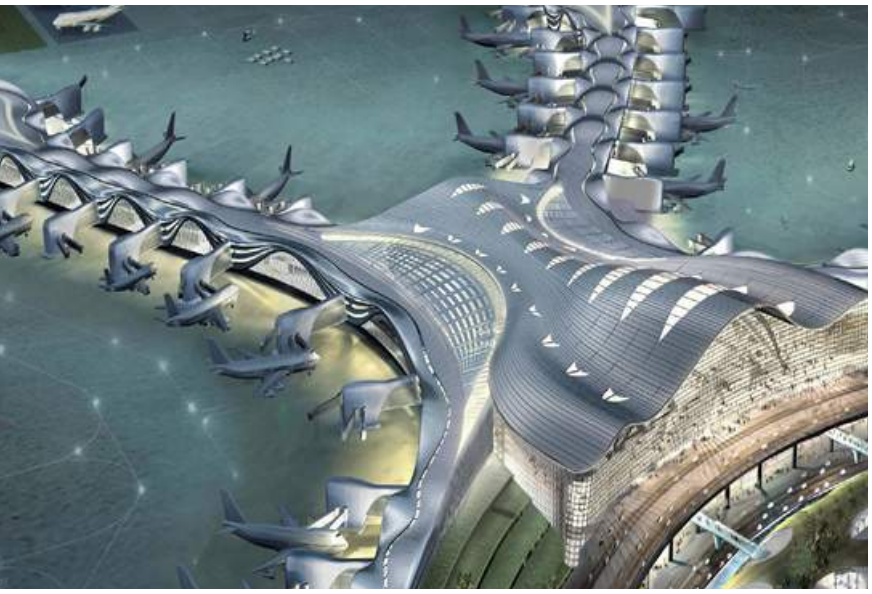
Truly Yours,

Mohamed El Gergawy
Managing Director

هاتف: ٠٤-٤٥٤٩٥٥٨ , فاكس: ٠٤-٥٥١٦٣٣٦ , ص.ب: ٨٨٩٨٩ , دبي - الإمارات العربية المتحدة
Tel: 04 4549558, Fax: 04 5516336, P.O Box: 88989, Dubai, United Arab Emirates.

WURTH GULF
PROJECT REFERENCES





MIDFIELD TERMINAL AIRPORT
Location: AUH
Client: ADAC
Consultant: Arup/ AECOM
Contractor: JV TAV/CCC/ARABTEC
WURTH ITEMS: Pure Epoxy PE 500, Fix-anchor, Assembly Foam



BAYNUNAH ACADEMIC COMPLEX
Location: AUH
Client: Institute of Applied Technology
Consultant: Syrconsult
Contractor: Fibrex
WURTH ITEMS: Pure Epoxy PE 500



DUBAI INTERNATIONAL AIRPORT
Location: DXB
Client: DAR
Consultant: ADPI
Contractor: ALEC
WURTH ITEMS: Pure Epoxy PE 500

GOLD CREST TOWER
Location: DXB
Client: Mazyood Giga International
Consultant: ATKINS
Contractor: Al Habtoor
WURTH ITEMS: Assembly Foam all fire classified.



AL SAHEL TOWER
Location: AUH
Client: H.H. Mohammad Bin Khalid
Consultant: Golden Planner
Contractor: Square General Construction
WURTH ITEMS: All Sealants/ Assembly foam and power tools used by the contractors.



AL MUSHRIF VILLAS
Location: AUH
Client: H.H. Mohammad Bin Khalid
Consultant: Golden Planner
Contractor: Square General Cont.
WURTH ITEMS: All Sealants/ Assembly foam and power tools used by the contractors.





B2B HOTEL
Location: AUH
Client: AL FAHEEM
Consultant: Jane Consultant
Contractor: Square General Construction
WURTH ITEMS: All Sealants/ Assembly foam and power tools used by the contractors.

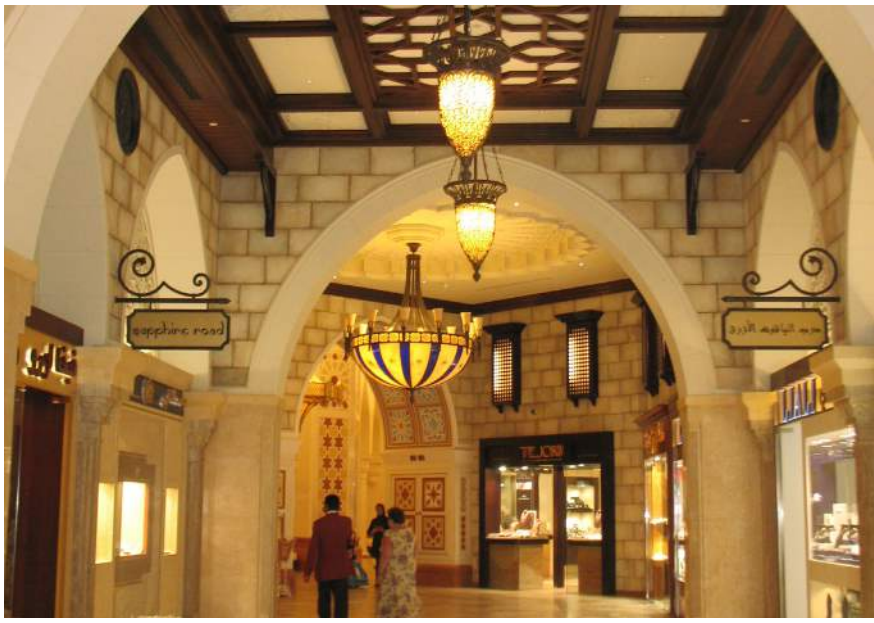


TUSKAN RESIDENCE
Location: DXB
Client: DAMAC
Consultant: KONIN
Contractor: Square General Construction
WURTH ITEMS: All Sealants/ Assembly foam and power tools used by the contractors.



RESIDENTIAL BUILDING ABU DHABI POLICE
Location: Abu Dhabi
Client: Police Project Committee
Consultant: Architectural and Engineering Consultant
Contractor: Abu Dhabi Contracting
WURTH ITEMS: Assembly Foam B3

GOLD SOUK (DFC)
Location: DXB
Client: Al-Futaim Group
Consultant: DFC Project Management
Contractor: Depa Interiors
WURTH ITEMS: All Sealants/ Assembly foam all Fire Classified.



GOLD SOUK (DFC)
Location: DXB
Client: Al-Futaim Group
Consultant: DFC Project Management
Contractor: Depa Interiors
WURTH ITEMS: All Sealants/ Assembly foam all Fire Classified.



HARBOUR PLAZA
Location: DXB
Client: Al-Futaim Group
Consultant: MAZRAKI FBK
Contractor: Al-Futaim Callirion
WURTH ITEMS: All Sealants





JBR - SECTOR 2
Location: DXB
Client: Jumiera Beach Residences
Consultant: Hyder Cons. Middle East
Contractor: Bin Lahej Alum.
WURTH ITEMS: All Sealants.



JBR
Location: DXB
Client: TECOM
Consultant: RMJM
Contractor: Al Habtoor
WURTH ITEMS: All Sealants.

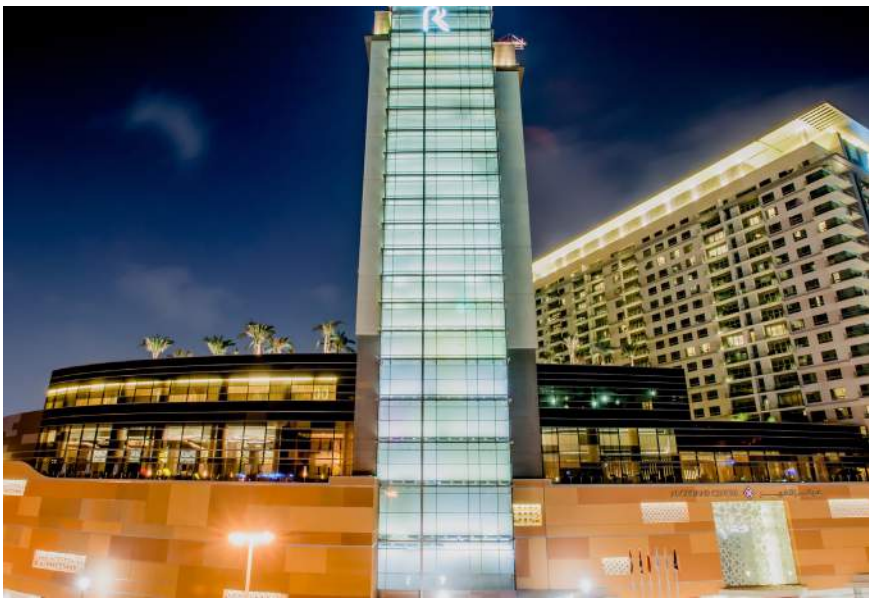


JBR
Location: DXB
Client:TECOM
Consultant: RMJM
Contractor: NASA Multiplex
WURTH ITEMS: All Sealants.

DUBAI INTERNET CITY
Location: DXB
Client: JAFZA
Consultant: NEB
Contractor: Al Shafar Contracting
WURTH ITEMS: All Sealants/ Assembly foam all Fire Classified.



AL GHURAIR APARTMENTS
Location: DXB
Client: Al Ghurair
Consultant: Fraser Nag
Contractor: ASCON
WURTH ITEMS: All Sealants



HARBOUR PLAZA
Location: DXB
Client: Al-Futaim Group
Consultant: MAZRAKI FBK
Contractor: Al-Futaim Callirion
WURTH ITEMS: All Sealants

