

MATERIAL SUBMITTAL

Sikasil®-122 Universal

General Purpose Acetoxy Cure Silicone Sealant.

BUILDING TRUST

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Product Data Sheet

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PRODUCT DATA SHEET

Sikasil®-122 Universal

General Purpose Acetoxy Cure Silicone Sealant

DESCRIPTION

Sikasil®-122 Universal is a versatile, one-part acetoxy silicone sealant, which cures with atmospheric moisture to form an elastic rubber-like seal.
Suitable for use in hot and tropical climatic conditions.

USES

The use of Sikasil®-122 Universal includes, but is not limited to:
- Glazing and weatherproofing applications on non-porous substrates.
- For sanitary or other sealing applications where mildew resistance is required.
- Glass, glazed surfaces, ceramic and porcelain, coated metal substrates and for tile parameter joints.
- For inside and outside applications.

FEATURES

- Contains fungicide
- Low shrinkage
- Weathering and UV resistance
- Good adhesion to a variety of non-porous substrates
- Good elasticity and flexibility
- Easy application

TECHNICAL INFORMATION

Shore A hardness	~ 23 (after 28 d)	(ASTM D2240)
Tear strength	~ 3.5 N/mm	(ISO 37)
Service temperature	−40 °C min. to +100 °C max.	
Joint design	The joint width must be designed to suit the joint movement required and the movement capability of the sealant. For joints ≥ 10 mm and ≤ 20 mm wide, a joint depth of 10 mm is recommended. For larger joints please contact our Technical Department.	
Elongation at break	~ 700%	(ASTM D412)

PRODUCT INFORMATION

Composition	Acetoxy silicone
Packaging	280 mL cartridges, 12 cartridges per box
Shelf life	Sikasil®-122 Universal has a shelf life of 12 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage conditions	Sikasil®-122 Universal shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Colour	Clear, white, grey and black
Density	~ 1.0 kg/l (ISO 1183-1)

APPLICATION INFORMATION

Consumption

Joint length (m) per 280 mL	Joint width (mm)	Joint depth (mm)
~2.70	10	10
~1.80	15	10
~1.35	20	10

Sag flow	<2 mm
Ambient air temperature	+5 °C min. / +40 °C max. (min. 3 °C above dew point temperature)
Substrate temperature	+5 °C min. / +40 °C max.
Tooling time	~ 10 minutes (23°C)

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

- Safety Data Sheet
- Pre-treatment Chart Sealing and Bonding

IMPORTANT CONSIDERATIONS

- Do not use Sikasil®-122 Universal on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might bleed oils, plasticizers or solvents that could attack the sealant.
- Do not use in totally confined spaces, Sikasil®-122 Universal requires atmospheric moisture to cure.
- Sikasil®-122 Universal is not recommended for porous substrates, such as concrete, stone, marble and granite. Bleeding can occur when Sikasil®-122 Universal is used on these substrates.
- Sikasil®-122 Universal is not recommended for use on submerged joints, joints where physical abuse or abrasion are likely to occur, structural glazing or insulated glazing, and food contact applications.
- Do not use Sikasil®-122 Universal for medical or pharmaceutical uses.
- Acetic acid released during the curing of Sikasil®-122 Universal can cause the corrosion of mirror silver and sensitive metals such as cooper, brass and lead.
- Do not use Sikasil®-122 Universal on alkaline surfaces such as concrete, plaster and brick.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed.

SUBSTRATE PREPARATION

Sikasil®-122 Universal adheres without primers and/or activators. However, for optimum adhesion and critical, high performance applications, such as on multistory buildings, highly stressed joints, extreme weather exposure or water immersion, the following priming and/or pre-treatment procedures shall be followed: Aluminium, anodised aluminium, stainless steel, galvanised steel, powder coated metals or glazed tiles have to be cleaned and pre-treated using Sika® Aktivator-205, wiped on with a clean towel. Before sealing, allow a flash-off time of >15 minutes (<2 hours). Other metals, such as copper, brass and titanium-zinc, also have to be cleaned and pre-treated using Sika® Aktivator-205, wiped on with a clean towel. After the necessary flash-off time, use a brush to apply Sika® Primer-3 N and allow a further flash-off time of >30 minutes (<4 hours) before sealing the joints. PVC has to be cleaned and pre-treated using Sika® Primer-215 applied with a brush. Before sealing, allow a flash-off time of >30 minutes (<4 hours). Glass shall be cleaned with isopropyl alcohol before application.

Note: Primers are adhesion promoters. They are neither a substitute for the correct cleaning of a surface, nor do they improve the strength of the surface significantly. For more detailed advice and instructions please contact our Technical Department.

APPLICATION METHOD / TOOLS

Sikasil®-122 Universal is supplied ready to use. After the necessary substrate preparation, insert a suitable backing rod to the required depth and apply any primer if necessary. Insert a cartridge into the sealant gun and extrude Sikasil®-122 Universal into the joint making sure that it comes into full contact with the sides of the joint and avoids any air entrapment. Sikasil®-122 Universal sealant must be firmly tooled against the joint sides to ensure adequate adhesion. It is recommended to use masking tape where exact joint lines or neat lines are required. Remove the tape within the skin time. Do not use tooling products containing solvents.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with Sika® Remover-208. Once cured, residual material can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS:
- Sika UAE LLC
- Sika International Chemicals LLC
- Sika Gulf B.S.C. ©
ISO 9001, 14001 – SGS:
- Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV:
- Sika MB Construction Chemicals LLC
- Sika Construction Chemicals for Manufacturing LLC
- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.

Material Safety Data Sheet

BUILDING TRUST

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

1.1 Product identifier

Trade name : Sikasil®-122 Universal

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Sealant/adhesive

1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Saudi Arabia Co. Ltd
Salama Bldg, First Floor
Prince Sultan Street
Al-Salamah - P.O Box 112356
21371 Jeddah
Saudi Arabia

Telephone : +966 12 692 7079
Telefax : +966 12 692 1272
E-mail address of person responsible for the SDS : bran.ioan@sa.sika.com

1.4 Emergency telephone number

-

SECTION 2: Hazards identification

Type of product : Mixture

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Additional Labelling

EUH210 Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	Not Assigned 01-2119552497-29-XXXX	Asp. Tox.1; H304	>= 20 - < 25
triacetoxyethylsilane	17689-77-9 241-677-4 01-2119881778-15-XXXX	Acute Tox.4; H302 Skin Corr.1B; H314 Eye Dam.1; H318	>= 1 - < 2,5

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

In case of eye contact : Remove contact lenses.
Keep eye wide open while rinsing.

If swallowed : Do not induce vomiting without medical advice.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Risks : No known significant effects or hazards.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

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

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
No special handling advice required.
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
acetic acid	64-19-7	TWA	10 ppm 25 mg/m3	2017/164/EU
	Further information: Indicative			
		STEL	20 ppm 50 mg/m3	2017/164/EU
acetic acid	64-19-7	TWA	10 ppm 25 mg/m3	2017/164/EU
	Further information: Indicative			
		STEL	20 ppm 50 mg/m3	2017/164/EU

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Safety glasses

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.

Butyl rubber/nitrile rubber gloves (> 0,1 mm)
Recommended: Butyl rubber/nitrile rubber gloves.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.

Respiratory protection : No special measures required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Appearance	:	paste
Colour	:	various
Odour	:	stinging
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available

Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	ca. 400 °C
Decomposition temperature	:	No data available
pH	:	Not applicable

Viscosity

Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)

Solubility(ies)

Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	No data available
Vapour pressure	:	0,01 hPa
Density	:	ca. 0,98 g/cm3 (20 °C)
Relative vapour density	:	No data available
Particle characteristics	:	No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : Exposure to moisture

No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : acetic acid

acetic acid

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

Not classified based on available information.

Product:

Result: No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Result: No eye irritation

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

SECTION 12: Ecological information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Additional ecological information	:	There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European Waste Catalogue : 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

14.1 UN number or ID number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

REACH Information: All substances contained in our Products are
- registered by our upstream suppliers, and/or
- registered by us, and/or

- excluded from the regulation, and/or
- exempted from the registration.

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	None of the components are listed (=> 0.1 %).
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
Not applicable

Volatile organic compounds	:	Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H302	:	Harmful if swallowed.
H304	:	May be fatal if swallowed and enters airways.
H314	:	Causes severe skin burns and eye damage.
H318	:	Causes serious eye damage.

Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Asp. Tox.	:	Aspiration hazard
Eye Dam.	:	Serious eye damage
Skin Corr.	:	Skin corrosion
2017/164/EU	:	Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
2017/164/EU / STEL	:	Short term exposure limit
2017/164/EU / TWA	:	Limit Value - eight hours
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
DNEL	:	Derived no-effect level

EC50	:	Half maximal effective concentration
GHS	:	Globally Harmonized System
IATA	:	International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative

Further information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

SA / EN

TEST CERTIFICATES

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TEST REPORT
DENSITY TEST
Test Method : ISO 1183-1 *(Test method variation: none)*

Client	Sika Saudi Arabia Limited (A Single Shareholder Limited Liability Company)		
Client location	Jeddah	Report No.	JH.MMR23003401
Contractor	N.P.	Request No.	JH.MMO23001219
Consultant	N.P.	Sample No.	JH.MMS23001498
Project	Private	Sample received	09/07/2023
Sampled by	ACES Repr.	Testing date	06/08/2023
Test location	ACES-Jeddah	Reporting date	07/08/2023
Sample Desc.	Sikasil® Universal		
Lab address	Building No. 115, Al Imam Al Bukhari Street, Al Basateen District, Jeddah, KSA.		

TEST RESULT

Test Property	Unit	TDS Requirement	Test Result
Density	kg/l	~1.00	**1.08**

S. No.	Test Parameters	Values
1	Room atmosheric conditions	Temp= 22.1°C, RH=50%

Notes:

*** Decision rule: Simple acceptance.**

* The test results represent the submitted sample only.

* Test results shall not be interpreted, reproduced or quoted in a whole or in part without prior written approval of ACES.

* ACES Jeddah is responsible for all information provided in the report which resulted from our activities but except for any information provided by the Customer or resulted from activities performed by another entity.

"End of the report"

Material Department
ACES-Jeddah
Arab Company For Laboratories and Soil

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APP: M.Jaber

TEST REPORT
STANDARD TEST METHOD FOR RUBBER PROPERTY—DUROMETER HARDNESS
Test Method : ASTM D2240 *(Test method variation: none)*

Client name	Sika Saudi Arabia Limited (A Single Shareholder Limited Liability Company)		
Client location	Jeddah	Report No.	JH.MMR23003402
Contractor	N.P.	Request No.	JH.MMO23001219
Consultant	N.P.	Sample No.	JH.MMS23001498
Project details	N.P.	Sample received	09/07/2023
Sampled by	ACES Repr.	Testing Date	06/08/2023
Test location	ACES-Jeddah	Reporting Date	07/08/2023
Sample Desc.	Sikasil® Universal		
Lab address	Building No. 115, Al Imam Al Bukhari Street, Al Basateen District, Jeddah, KSA.		

TEST RESULT

Test Property	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Average Result
Hardness - Shore A	23.0	22.0	23.5	22.8	23.8	23.0
TDS requirement	~ 20 (After 28 Days)					

S. No.	Test Parameters	Values
1	Manufacturer, type, model	Shore A
2	Serial number of instrument	8010021
3	Means of Testing	Manual (Hand Held)
4	Thickness of specimen, mm	3.20
5	Indentation hardness time interval	A/23/1
6	Lab atmospheric conditions	21.0°C / 48 % RH

Notes:

*** Decision rule: Simple acceptance.**

* The test results represent the submitted sample only.

* Test results shall not be interpreted, reproduced or quoted in a whole or in part without prior written approval of ACES.

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TEST REPORT
ELONGATION AT BREAK
Test Method : ISO 37 *(Test method variation: none)*

Client name	Sika Saudi Arabia Limited (A Single Shareholder Limited Liability Company)		
Client location	Jeddah	Report No.	JH.MMR23003403
Contractor	N.P.	Request No.	JH.MMO23001219
Consultant	N.P.	Sample No.	JH.MMS23001498
Project details	N.P.	Sample received	09/07/2023
Sampled by	ACES Repr.	Testing Date	06/08/2023
Test location	ACES - JEDDAH	Reporting Date	07/08/2023
Sample Desc.	Sikasil® Universal		
Lab address	Building No. 115, Al Imam Al Bukhari Street, Al Basateen District, Jeddah, KSA.		

TEST RESULT

Test Property	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Average Result
Elongation at break (%)	800.26	749.55	669.24	716.98	756.07	**738.42**
TDS requirement	**~ 550 %**					

S. No.	Test Parameters	Values
1	Type of test specimen	Type 1
2	Rate of seperation	500 mm/min
3	Sample method preparation	Die cutting
4	Lab atmospheric conditions	22.0°C / 50% RH

Notes:

*** Decision rule: Simple acceptance.**

* The test results represent the submitted sample only.

* Test results shall not be interpreted, reproduced or quoted in a whole or in part without prior written approval of ACES.

* ACES Jeddah is responsible for all information provided in the report which resulted from our activities but except for any information provided by the Customer or resulted from activities performed by another entity.

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TEST REPORT

TEAR PROPOGATION RESISTANCE

Test Method : ISO 37 ***(Test method variation: none)***

Client name	Sika Saudi Arabia Limited (A Single Shareholder Limited Liability Company)		
Client location	Jeddah	Report No.	JH.MMR23003404
Contractor	N.P.	Request No.	JH.MMO23001219
Consultant	N.P.	Sample No.	JH.MMS23001498
Project details	N.P.	Sample received	09/07/2023
Sampled by	ACES Repr.	Testing Date	06/08/2023
Test location	ACES - JEDDAH	Reporting Date	07/08/2023
Sample Desc.	Sikasil® Universal		
Lab address	Building No. 115, Al Imam Al Bukhari Street, Al Basateen District, Jeddah, KSA.		

TEST RESULT

Test Property	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Average Result
Tear resistance (N/mm)	3.60	3.82	3.40	4.12	3.66	**3.72**
TDS requirement	**~ 2.6 N/mm**					

S. No.	Test Parameters	Values
1	Type of test specimen	Angle test piece (procedure B)
2	Thickness of test piece	Type 1
3	Rate of seperation	500 mm/min
4	Sample method preparation	Die cutting
5	Lab atmospheric conditions	22.0°C / 50% RH

Notes:

*** Decision rule: Simple acceptance.**

* The test results represent the submitted sample only.

* Test results shall not be interpreted, reproduced or quoted in a whole or in part without prior written approval of ACES.

* ACES Jeddah is responsible for all information provided in the report which resulted from our activities but except for any information provided by the Customer or resulted from activities performed by another entity.

"End of the report''

Material Department
ACES-Jeddah
Arab Company For Laboratories and Soil

FINAL DOCUMENT by M.Jaber This is an electronically generated report and does not require a signature, it's valid only with the QR code shown on the top and is considered verified with the same.
CHK: H.A.
APP: M.Jaber

TEST REPORT
SERVICE TEMPERAUTURE TEST
Test Method : INTRENAL METHOD

Client name	Sika Saudi Arabia Limited (A Single Shareholder Limited Liability Company)		
Client location	Jeddah	Report No.	JH.MMR23003405
Contractor	N.P.	Request No.	JH.MMO23001219
Consultant	N.P.	Sample No.	JH.MMS23001498
Project details	N.P.	Sample received	09/07/2023
Sampled by	ACES Repr.	Testing Date	06/08/2023
Test location	ACES-Jeddah	Reporting Date	07/08/2023
Sample Desc.	Sikasil® Universal		
Lab address	Building No. 115, Al Imam Al Bukhari Street, Al Basateen District, Jeddah, KSA.		

TEST RESULT

Specimen No	Test Property	Test Result
1	Service Temperature at 100°C for 4 Hours	No surface changes observed

Notes:

*** Decision rule: Simple acceptance.**

* The test results represent the submitted sample only.

* Test results shall not be interpreted, reproduced or quoted in a whole or in part without prior written approval of ACES.

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"End of the report"

Material Department
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JOB REFERENCE & APPROVALS

BUILDING TRUST

DELTA MIXED USE DEVELOPMENT (DMUD)

MATERIAL APPROVAL REQUEST

Ref. No.:MAR /AR / 127B / R0
Date 31/10/2023

PROJECT: DELTA MIXED USE DEVELOPMENT

FROM : OCC WEAVERS **TO : Kling Consult**

Attachments :

- [x] Samples
- [ ] Original Brochure
- [x] Specification Comparison Sheet
- [x] Others

Discipline:

- [ ] Civil
- [x] Architectural
- [ ] Mechanical
- [ ] Electrical
- [ ] Other (state)

Material Description : SIKA - Sikasil 122 Universal - Multipurpose Silicon Sealant

Location / Area : Hotel / SA - Shower
Drawing Ref : as attached
Specification Ref : Section 079210 (Joint Sealant)
Bill of Quantities' No.: Section K

RECEIVED 01 NOV 2023 KLING CONSULT

شركة الغرب للإنشاءات ويلدز (ش ذ م م)
س.ت: ٤٠٣٠٠٤٢٨٨٧
ص.ب: ١١١٦٣
C.R. 4030042887
P.O.BOX 11163
O.C.C. WEAVERS JEDDAH BRANCH
(S)

Manufacturer/ Supplier

Company Name: Sika
Country of Origin: KSA
Local Agent:. Sika

Registered with EMPLOYER

- [ ] Yes [x] No
- [ ] Yes [x] No

Contractor:

Name: Mahmoud Sabra — Project Director — Signature: — Date 31-Oct-23

Name: Omar Hussein — Architect — Signature: — Date 31-Oct-23

For Engineer Use Only

- [ ] A Approved
- [x] AN Approved as Noted / Proceed
- [ ] C Revise & Resubmit
- [ ] R Rejected

Supervision Consultant Comments:

This is specified materials,
- submit LEED Documents
- subject to mock up sample on site for the application and the color.

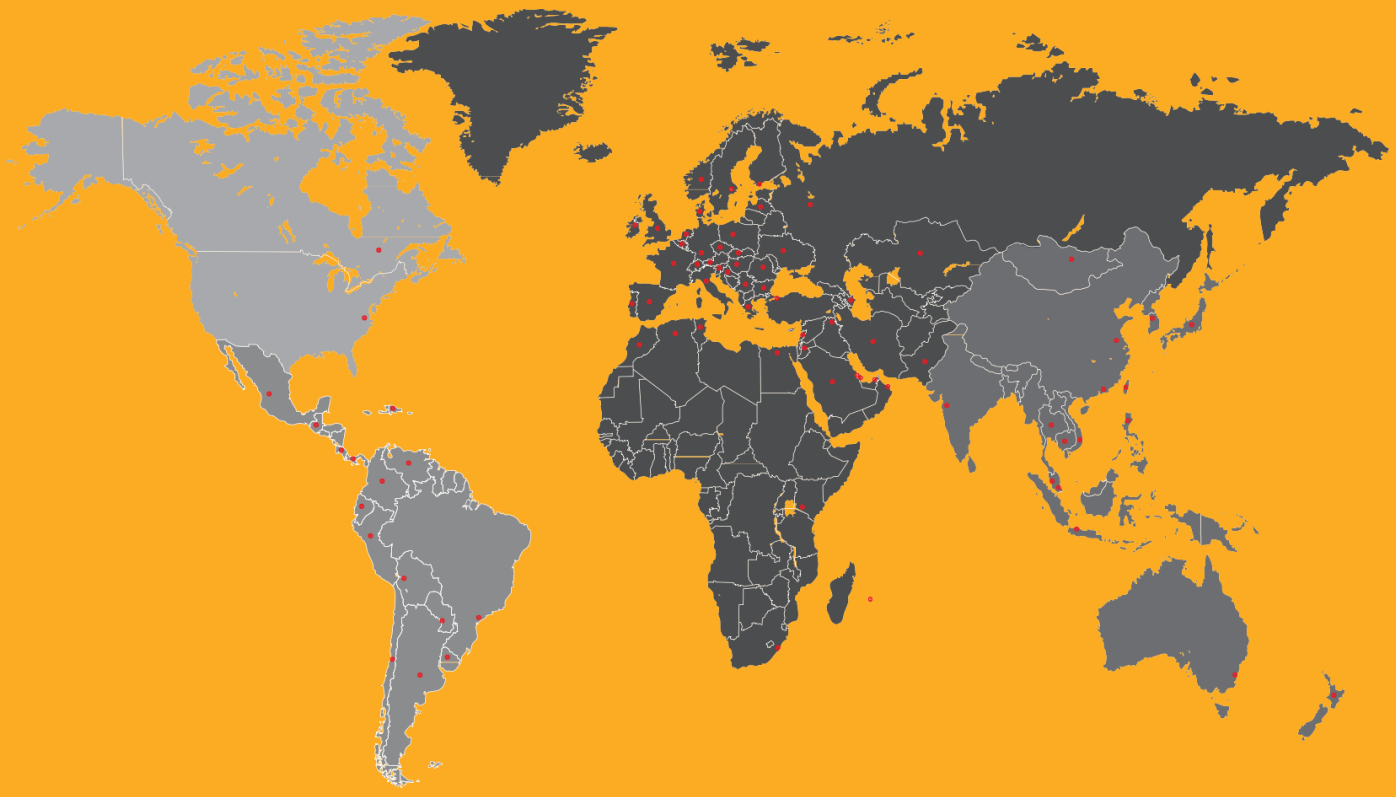
Variances from Contract:

Project Manager: Alain El Rahi **Signature:** **Date:** 04/11/23

DISTRIBUTION:

- ○ The Project Manager
- ○ The Supervision Consultant / The Engineer
- ○ The Contractor

A GLOBAL BUT LOCAL PARTNERSHIP



FOR MORE INFORMATION:

gcc.sika.com

WHO WE ARE

Sika is a globally active specialty chemicals company supplying the building and construction industry, as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

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