

THE COMPLETE FAÇADE SOLUTION ADHESIVES AND WEATHER SEALING



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THE SERVICES WE OFFER

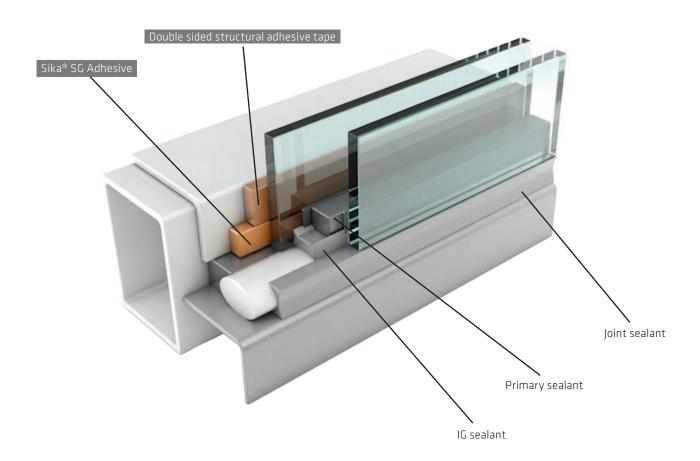
- Site visits
- Design assistance
- Structural calculations
- Standard details
- Registered contractor schemes
- Comprehensive training
- Technical services
- UAE based labtorary
- In-house adhesion and compatibility testing
- Colour samples



STRUCTURAL GLAZING

BEST IN CLASS

Sika's silicone structural adhesives have the best in class ETA approved structural glazing design strength on the market, resulting in a reduction in material and sight lines!



SIKA SOLUTIONS

- 1 Sikasil® SG-18
- 2 Sikasil® SG-500 CN
- 3 Sikasil® SG-550
- 4 Sika® Spacer Tape HD/ME

- Strong but flexible fixation of glass units
- Attractive appearance without visible frames
- Elimination of capping therefore minimal damage caused by thermal effects because of shaded glass edges
- Energy efficient façade technology
- Outstanding UV and weathering resistance

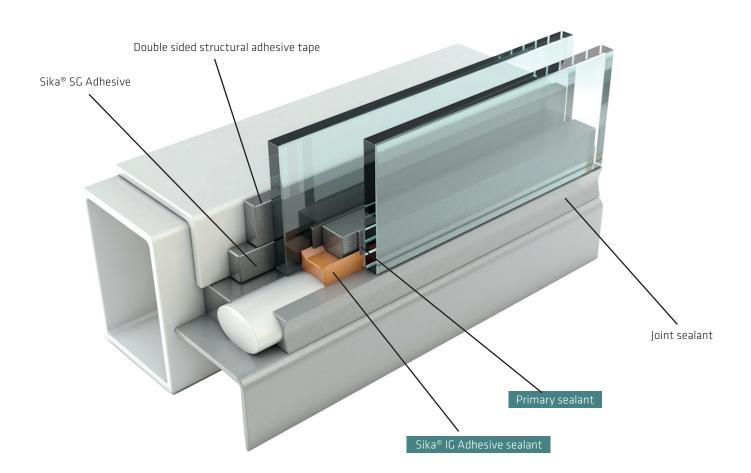
	Sikasil® SG-18	Sikasil® SG-500 CN	Sikasil® SG-550
DESCRIPTION	Structural glazing silicone with extremely high mechanical resistance	Structural glazing silicone for faster curing and high strength	Structural glazing silicone with extremely high mechanical strength – best in class
KEY FEATURES	 Ease of use – 1 component application Extremely high elongation at break Outstanding UV and weathering resistance for long term durability as required in ETAG 002 	 Available in a handy 2-part cartridge format Broad adhesion range and excellent elongation Outstanding UV and weathering resistance for long term durability as required in ETAG 002 	 Excellent UV and weather resistance Highest available design strength High modulus without compromising elasticity
APPLICATION	 Glass to metal structural glazing Glass to glass bonding Bonding of solar modules 	 Glass to metal structural glazing Glass to glass bonding Other high demanding industrial applications 	 Very high demanding SG applications Special bomb blast requirements Minimising visible adhesive sight lines
CHEMICAL BASE	Neutral cure silicone, 1-partHigh modulus	Neutral cure silicone, 2-part High modulus	Neutral cure silicone, 2-part High modulus
PACK SIZE	300 ml cartridges600 ml sausages	260 kg (Part A) 20 kg (Part B)	250 kg (Part A) 20 kg (P art B)
COLOURS	White, Grey S6, Black	Grey S6, Black, White	White, Grey S6, Black
APPROVALS	■ ASTM C1184	■ GB 16776 ■ ASTM C1194 ■ ASTM C920 class 25	 EN 13022 ASTM C920 ASTM C1184 DIN 4102-B1 EOTA ETAG No. 002 - 2001, ETA CE mark SNJF-VEC

	Sika® Spacer Tape HD		Sika® Spacer Tape ME				
DESCRIPTION			Open-cell polyvinyl chloride foam core with pressure sensitive adhesive and polyethylene liner				
STANDARD ROLL SIZE	Thickness (mm) 4.8 6.4 8 9.5	Width (mm) 6, 8, 10, 12, 14, 16 6, 8, 10, 12, 14, 16 8, 10, 12, 14, 16 10, 12, 14, 16, 18	Length (m) 15.25 15.25 7.6 7.6	25 3 6, 8, 10, 12, 14, 16 25 6 6, 8, 10, 12, 14, 16 8 8, 10, 12, 14, 16		6, 8, 10, 12, 14, 16 6, 8, 10, 12, 14, 16 8, 10, 12, 14, 16	Length (m) 15 15 7. 7.6
APPLICATION	Used in structural glazing assemblies to adjust the correct joint dimensioning. This open cell PU foam tape allows air and moisture penetration in order to cure the silicone adhesive.			dimensioni This open c	ing. cell PVC fo	azing assemblies to a am tape allows air a to cure the silicone a	
CHEMICAL BASE	Open Cell PU foam			Open Cell High Density PVC foam			
COLOURS	Grey S6, Black			Black			

INSULATING GLASS

LOWEST ARGON LOSS RATES

Sika's IG sealants offer the lowest argon loss rates 0.3%



SIKA SOLUTIONS

- 1 Sikasil® IG-25
- 2 Sikasil® IG-25 HM PLUS
- 3 Sikaglaze® IG-5 PIB

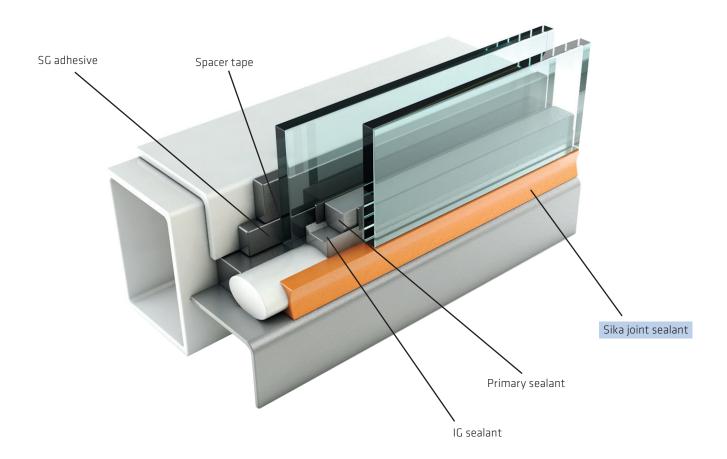
- High performance design tensile strength 0.19N/mm² (MPa)
- Ensures glass panes are tightly held together, minimising excessive movement in the IG seal
- Sika offers a complete range for IG edge sealing including primary and secondary sealants, suitable for gas retention of 30+ years

	Sikasil® IG-25	Sikasil® IG-25 HM PLUS	Sikaglaze® IG-5 PIB
DESCRIPTION	Insulating glass secondary seal	Ultra high modulus secondary seal	Insulating glass primary seal
KEY FEATURES	 Ensures glass panes are tightly held together, minimising excessive movement in the IG seal Outstanding UV resistance Design tensile strength 0.14 N/mm² 	 Lowest argon loss rates (0.3%) Highest performance design tensile strength 0.19N/mm² (MPa) Outstanding UV resistance 	 One-component Good adhesion properties Resistant to ageing Low water vapo ur permeability and argon permeation Solvent-free No shrinkage
APPLICATION	 Air-filled dual sealed IG units Air-filled IG units in SG facades (where silicones can only be used) 	Air and argon filled dual sealed IG unitsFor all SG facades	■ Used in the production of dual-sealed insulating glass units as primary sealant.
CHEMICAL BASE	Neutral cure silicone, 2-partHigh modulus	■ Neutral cure silicone, 2-part ■ High modulus	■ Thermoplastic Butyl (PIB)
PACK SIZE	■ 260 kg (Part A) ■ 20 kg (Part B)	 260 kg (Part A) 20 kg (Part B) 180 kg (Part B) 	■ 7 kg slug
COLOURS	Grey S6, Black	Grey S6, Black	Grey S6, Black
APPROVALS	EN 1279 Part 2ETAG 002EN 15434	 EN 1279 (including Part 3) ETAG 002 EN 15434 	■ EN 1279 - 2 ■ EN 1279 - 3

JOINT SEALING

OUTSTANDING PERFORMANCE

Fully compatible and tested with all Sika Structural Glazing and Insulating Glass systems



SIKA SOLUTIONS

- 1 SikaHyflex®-305 EU
- 2 SikaHyflex®-355
- 3 SikaHyflex®-105

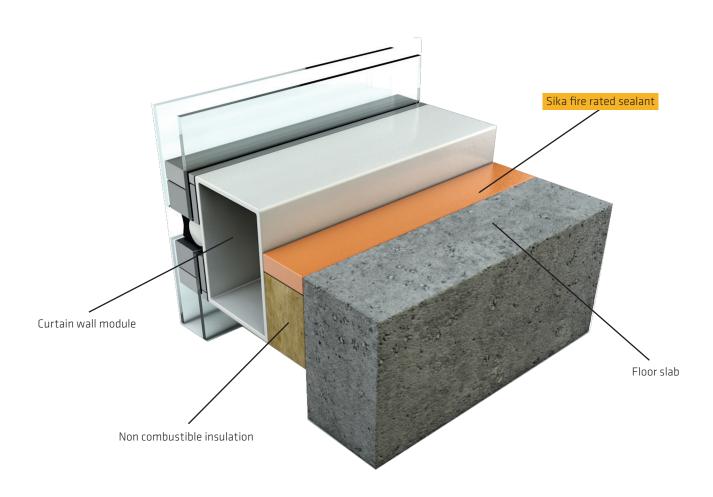
- High movement capability
- Non staining on natural stone
- Easy extrusion and tooling
- Available in a variety of colours and sizes

	SikaHyflex®-305 EU	SikaHyflex® -105	Sika Hyflex® 355
DESCRIPTION	Excellent UV and weather resistant sealant for use with Sika structural glazing systems	Excellent UV and weather resistant sealant for use with Sika structural glazing systems	Non staining joint silicone sealant for natural stone.
KEY FEATURES	 Non streaking on glass and metal Fully compatible and fully tested with all Sika Structural Glazing systems Easily disposable foil packaging 	 Very good resistance to weathering Easy to smooth and good workability Good adhesion to a wide range of substrates 	 Protects vulnerable stone joints e.g. granite, marble, sandstone and limestone Fully compatible and fully tested with all Sika Structural Glazing systems Easily disposable foil packaging
APPLICATION	 Glass and metal facades All structural glazing applications Curtain walls 	Designed for movement and connection joints in building envelopes and adheres well to porous and non-porous substrates.	suited for use as a weather sealant for natural stone and metal cladding facades. It is also suitable for movement and connection joints in floors and pedestrian areas, where natural stone is used.
CHEMICAL BASE	Neutral cure silicone, 1-part Low modulus	Neutral cure silicone, 1-part Low modulus	Neutral cure silicone, 1-part Low modulus
PACK SIZE	600 ml sausages	600 ml sausages	600 ml sausages
COLOURS	Transparent, White, Grey S1/S4/ S6, Black, Beige	White, Black, Medium Grey, Dark Grey, Brown, Beige	Black, grey S4, grey S6, beige and bronze
APPROVALS	 ISO 11600 F&G 25LM ASTM C920, class 50 ISO 16938-1 non-staining DIN 18540 F DIN 18545 E ASTM C1248 non-staining 	■ ASTM C 920, class 35 ■ EN 15651-1 F EXT-INT CC 25 LM ■ EN 15651-2 G CC 25 LM ■ ISO 11600 F 25 LM & G 25 LM	 ASTM C920 class 35 EN 15651-1 F EXT-INT CC 25 LM EN 15651-2 G CC 25 LM ISO 11600 F 25 LM & G 25 LM ISO 16938-1 ASTM C1248

FIRE RATED SYSTEMS

OUTSTANDING DURABILITY

Fully compatible and tested with Sika Structural Glazing systems and Joint Sealants



SIKA SOLUTIONS

- 1 Sikasil®-670 Fire
- 2 Sikacryl®-620 Fire
- 3 Sika Boom®-101 Flame retardant
- 4 SikaGard-550 W
- 5 Sikasil® FS-665 SL

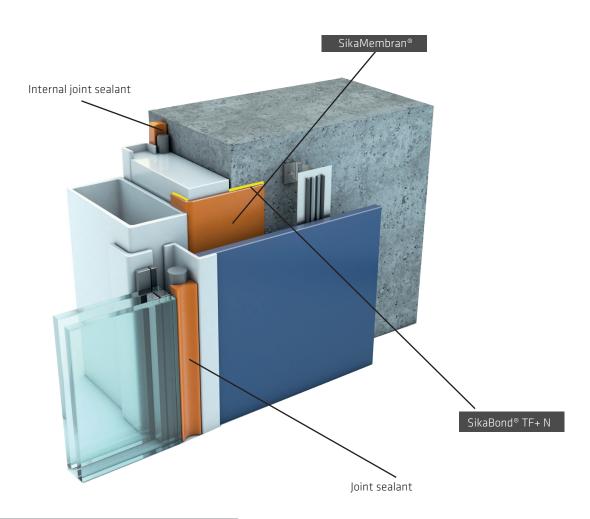
- Tested to relevant standards in approved specialized fire testing facilities
- Suitable for both vertical joints in facades and horizontal floor joints between the façade and floor slab
- Available in different colours and sizes

	Sikasil® FS-670 Fire	Sikasil® FS-665 SL	SikaBoom ®-101 Flame Retardant	Sikagard-550 W Elastic (G)	Sikacryl®-620 Fire
DESCRIPTION	Fire rated silicone sealant for external use	Self levelling silicone	Polyurethane foam	One component, plasto- elastic coating based on acrylic dispersion with excellent crack-bridging properties	Fire rated intumescent sealant for internal use
KEY FEATURES	 Compatible with Sikasil structural glazing system Fire rated for up to 4 hours in accordance with EN 1366-4 Outstanding weathering and ageing resistance 	 Optimised self levelling application for filling complex details Fire rated to BS 476 part 20 (4 hours) Outstanding weather and UV resistance 	 1-component Easy application with noozle Flame retardant 	Crack-bridging High diffusion resistance against CO2 reducing the rate of carbonation Water resistive and vapour permeable Very good resistance against chlorides, weathering and ageing Environmentally friendly (solvent free) Reduced tendency to dirt pick up and contamination Excellent reaction to fire: Class A according to ASTM E84-16	 Paintable Upto 5 hours fire rated Expands with fire heat to seal the gaps caused by fire
APPLICATION	 Joint sealing of curtain walling and façades where a fire rating is required. For expansion joints, pipe and cable penetrations For specific curtain walling applications 	 Horizontal joints Between curtain wall and floor slabs Prevents spread of fire and smoke 	 Gap filling Fixing door frames etc. Insulation applications 	Protection and enhancement of concrete structures (normal and lightweight concrete), especially exposed outdoor concrete surfaces with a risk of cracking.	 Fire rated connection Joints and penetration seals on porous and non pourous substrates
CHEMICAL BASE	Neutral cure silicone, 1-part	Neutral cure silicone, 1-part	1-component, flame retarding polyurathane foam	Acrylic	Acrylic
PACK SIZE	300 ml cartridges 600 ml sausages	25 kg pail	750 ml can	20 kg pail	300 ml cartridges 600 ml sausages
COLOURS	White, Grey S6, Black	Black	Beige	Available in standard RAL colors	White
APPROVALS	 EN 15651-1 F EXT-INT CC 25 LM EN 15651-4 PW INT ISO 11600 F 25 LM & G 25 LM ASTM C 920, class 35 EN 1366-4 assessment report ETAG 026 assessment report EN 13501-2 classification report EN 13501-1 class B-s2-d0 	 ISO 11600 F&G 25LM ASTM 920 DIN 4102-B1 BS 476 part 20 EN 15651-4, PW INT 25 LM ISO 11600 F&G 25 LM ASTM 920 DIN 4102-B1 DIN 4102-B1 	■ EN 13501-1 class B-s1, d0	 Crack bridging is classified as Class A4 and Class B.3.1 according to UNE-EN 1062-7:2004 Surface Burning Characteristics: Class A according to ASTM E84-16 	 EN 15651-1 F INT ISO 11600 12.5 P EN 1366-3 assessment report EN 1366-4 assessment report ETAG 026 assessment report EN 13501-2 classification report EN 13501-1 class B-s1-d0

MEMBRAN EPDM SYSTEM

VAPOUR CONTROL SYSTEM

Suitable for almost all climatic conditions for use around facades and windows – even on uneven surfaces!



SIKA SOLUTIONS

- 1 SikaMembran®
- 2 SikaBond® TF+ N

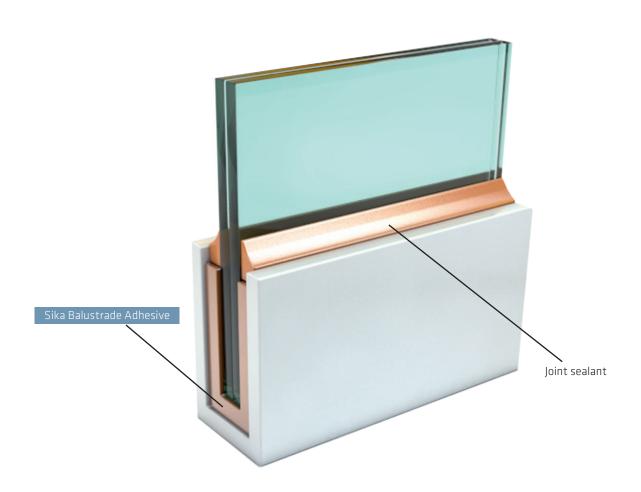
- Vapour control system suitable for all climatic conditions
- Available in 0.6 mm thickness for easy application
- Available in 1.2 mm thickness for high mechanical resistance

	SikaMembran® ECO/Universal/Strong	SikaBond® TF+ N Adhesive
DESCRIPTION	Vapour control layer and waterproof barrier	Exclusively formulated for fixing SikaMembran® system
KEY FEATURES	 Lightweight yet extremely durable UV resistant Will not perish No pre-treatment necessary Very easy to install Available in a wide choice of widths 	 Suitable for uneven substrates Unmatched adhesion No additional mechanical fixing necessary Good open time allows adjustment of membrane for up to 30 minutes Easily disposable foil packaging
APPLICATION	 Curtain wall installation Ventilated facades Commercial window installation 	Fix compatible EPDM with: Concrete Wood Aluminium (including powder coating) Many other construction materials
CHEMICAL BASE	EPDM	Polyurethane, 1-part
PACK SIZE	ECO: 0.5 mm x 1400 mm x 25 m roll Universal: 0.6 mm x 1400 mm x 25 m roll Strong: 1.2 mm x 1400 mm x 25 m roll	600 ml sausages
COLOURS	Black	Black
APPROVALS	■ Meets fire rating requirements of EN 13501-1 Class E	Manufactured in accordance with ISO 9001 quality assurance sys tem

BALUSTRADE ADHESIVE

TOTAL VISION GLAZING

Stress free embedding of glass balustrades and easy removal of glass if subsequent repair needed!



SIKA SOLUTIONS

1 SikaGlaze® GG-735

- Stress free embedding of glass balustrades
- Fast and easy installation
- Non streaking on glass and metal
- Bottom glass edge embedded in the floor rebate therefore results in uniform stress distribution

	SikaGlaze® GG-735
DESCRIPTION	Self levelling PU 'grout'
KEY FEATURES	 Non streaking on glass and metal Full compatibility with PVB laminated glass Very easy to install High Shore D hardness Solvent free Long open time
APPLICATION	 Total vision glazing (TVG fin glazing) Glass balustrades Easy removal of glass if subsequent repair needed
CHEMICAL BASE	Polyols, filled (A), Isocyanate derivatives (B), 2-part
PACK SIZE	■ 5 kg (part A) + 1 kg (part B) pail - 4 litres ■ 25 kg (part A) + 5 kg (part B) pail - 20 litres
COLOUR	Beige

ALUMINUM FRAME ADHESIVE

SEAMLESS CHEMICAL BONDING

High performance adhesive for aluminum frame assembly for door & windows



SIKA SOLUTIONS

1 Sika® Force-7900

- High strength adhesive
- Ageing-resistant
- Easy application
- Solvent-free
- Can be over-painted

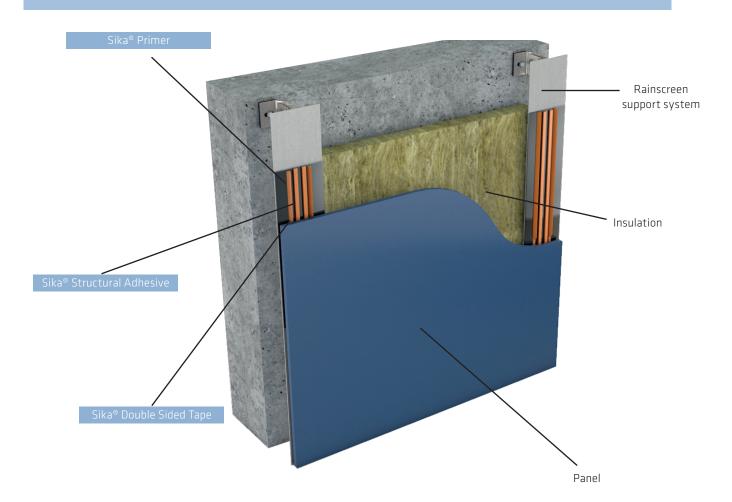
	Sika® Force-7900
DESCRIPTION	High-Performance Adhesive For aluminum
KEY FEATURES	 Mixture density: 1.4 g/cm³ Mixing ratio: 1:1 (by volume) Open time: 80 min Shore D hardness: 62 Tensile strength: 8N/mm²
APPLICATION	Suitable for corner bonding of powder-coated and anodized aluminum frames and window leaf profiles, which are mainly used in windows, doors and facades.
CHEMICAL BASE	2-component polyurethane adhesive
PACK SIZE	600 ml (Part A - 300 ml + Part B - 300 ml) 12 cartridges in one box
COLOUR	Cream White

VENTILATED RAINSCREEN PANEL BONDING

FLAWLESS VENTILATED FAÇADE

Achieving a flawless façade without visible or costly invisible mechanical fixation becomes the designers dream with this secret fix structural adhesive.

Tested with **ALL** major panel brands



SIKA SOLUTIONS

- 1 SikaTack® Panel
- 2 SikaTack® Panel-50
- 3 SikaTack® Panel-10

- Economical for rapid fixing
- Uniform tension over the whole façade panel (no stress points)
- Resistant to weathering and ageing
- Vibration and movement absorbing fixing system
- Provides creative opportunities for façade design

	SikaTack® Panel Adhesive	SikaTack® Panel-50 Adhesive	SikaTack® Panel-10 Adhesive
DESCRIPTION	Panel adhesive for ventilated façades. The high strength system comprises of: SikaTack Panel Adhesive Sika Aktivator-205 SikaTack Panel Primer (black) SikaTack Double Sided Tape	Panel adhesive for ventilated façades - fibre cement panels. The high strength system comprises of: SikaTack Panel-50 Adhesive Sika Aktivator-205 Sika Primer 210 (colourless) SikaTack Panel Primer (black) SikaTack Double Sided Tape	Panel adhesive for internal panels. The system comprises of: SikaTack Panel-10 Adhesive Sika Aktivator-205 SikaTack Panel Primer (black) SikaTack Double Sided Tape
KEY FEATURES	 BBA accreditation Registered contractor scheme to assure quality of installation on site Primary fix solution for ventilated rainscreen cladding (no need for secondary mechanical fixation) 	 BBA accreditation pending Registered contractor scheme to assure quality of installation on site Primary fix solution for ventilated rainscreen cladding (no need for secondary mechanical fixation) 	 Economic solution for seamless decorative panels fixing. No need for secondary mechanical fixation
APPLICATION	 Tested with ALL major panel brands Aluminium or timber frames Site or factory bonding 	 Tested with Fibre cement panels Aluminium or timber frames Site or factory bonding 	Suitable for the assembly of lightweight panelsInterior wall cladding
CHEMICAL BASE	Polyurethane, 1-part	Neutral cure silicone, 1-part	Polyurethane, 1-part
PACK SIZE	300 ml cartridges 600 ml sausages	600 ml sausages	600ml sausages
COLOURS	Ivory	Grey	lvory
APPROVALS	■ BBA 4218/05		■ KOMO attest

PRE TREATMENTS AND PRIMERS

ROUND OFF ALL YOUR FAÇADE PROJECTS

It is essential to use the right cleaners and primers and Sika will help by recommending the right product to suit each individual project, based on expertise and testing



SIKA SOLUTIONS

- 1 Sika® Aktivator-205
- 2 Sika® Akitvator-100
- 3 Sika® Remover-208

4 Sika® Primer-3 N

5 Sika® Primer-215

6 Sika® Primer-210

	Sika® Aktivator-205			Sika® Aktivator-100	
DESCRIPTION	Pre-treatment agent for non porous substrates		DESCRIPTION	Bonding activator	
APPLICATION	To clean and activate the following non-porous substrates: Metals Plastics Glazed ceramics Painted surfaces	Star Attivators Start Starting open The Starting	APPLICATION	For surfaces prior to sealing and bonding with Sikasil® products	Sika* Aktive
	Sika® Primer-3N			Sika® Remover-208	
DESCRIPTION	Primer suitable for slightly damp or dry, porous, absorbent materials and metals	Lat Primers	DESCRIPTION	Solvent based cleaning agent	Sika* Removerat
APPLICATION	Dry, porous, absorbent materials	■ 1Litre	APPLICATION	For surface preparation and removal of uncured adhesives and sealants	■ 1Litre
	Sika® Primer-210			Sika® Primer-215	
DESCRIPTION	A low viscosity liquid primer used to improve the adhesion of Sika adhesives and sealants	Bka* Primer-210	DESCRIPTION	Primer suitable for priming various plastics, timber and other porous materials prior to bonding	Sika* Primer ²⁶
APPLICATION	For metals i.e. aluminium and galvanised steel, plastic and paint-primed substrates. For porous and non-porous substrates	■ 1 Litre	APPLICATION	For plastics, varnishes, lacquers and porous absorbent materials. Preferred for joints around windows where a variety of materials are encountered	■ 1 Litre

APPLICATION GUNS

PRODUCT	FEATURES	
Sika® Foil Gun Manual gun for 600 ml sausages	 Heavy duty anti-skid pushing mechanism Lever pressed tempered steel Ergonomic PVC coated handle Holder latch to support the weight with neck strap Aluminum tube and ring nuts Cone head for complete extrusion, and pull back option eliminate sealant wastage 	
Sika® Tube Gun Manual gun for 300 ml cartridges	 Heavy duty anti-skid pushing mechanism Lever pressed tempered steel Ergonomic PVC coated handle Holder latch to support the weight with neck strap 	
Sika® 2C Gun Manual gun for 2 componen cartridges	 Heavy duty anti-skid pushing mechanism, Lever pressed tempered steel Ergonomic PVC coated handle Holder latch to support the weight with neck strap. Clamps system for the cartridge holder, ensures the maintenance of the correct position during the extrusion of the product. 	
Sika® Pneumatic Gun Air pressure gun for 300 ml cartridges & 600 ml sausage	 Machined from solid aluminum body and ring nuts providing high resistance over time. Ergonomic handle placed on the device barycenter, to ensure perfect balancing and ease of use, Quick release valve to ensure the highest precision. Micro pressure reducer to guarantee constant force. Air pressure gauge. 	
Sika® Electroflow Gun Rechargable Battery powere gun for 300 ml cartidges & 600 ml sausages	 Regulatory speed trigger and secondary speed regulator to control extrusion speed. Maximum Speed 5.5mm/Second Can extrude 80 cartridges in 1 full charge Battery charging time: 90 Minutes Led light in order to light up the working area. 	

WHERE SIKA HAS BEEN USED GCC LANDMARKS



Ftihad Towers - Ahu Dhahi IIAF

- Sikasil® SG Structural Glazing
- SikaMembran® EPDM

Al Habtoor City - Dubai, UAE

- Sikasil® SG Structural Glazing
- Sikasil® IG Insulated Glazing
- SikaHyflex® 305 Weather Sealing

Neigbourhood One - Masdar City

- SikaGlaze® GG Balustrade Adhesive
- Sikasil® 670 Fire Wheathe sealant

DAMAC Towers by Paramount Hotels - Dubai. UAE

- Sikasil® SG Structural Glazing
- Sikasil® IG Insulated Glazing
- SikaHyflex® 305 Weather Sealing

AMESCO TOWER - Dubai, UAE

- Sikasil® SG Structural Glazing Grey
- Sikasil® IG Insulated Glazing Grey
- SikaHyflex® 305 Weather Sealing
- Sikasil® IG-5 PIB Grey
- Sika Spacer Tape HD Grey

King Abdullah Financial District - Rivadh, KSA

- Sikasil® SG Structural Glazing
- Sikasil® IG Insulated Glazing
- SikaHyflex® 305 Weather Sealing
- SikaMembran® EPDM

GLOBAL BUT LOCAL PARTNERSHIP



FOR SIKA GCC 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. 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.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing







Sika UAE LLC P.O. Box 126212 Dubai, UAE T: +971 4 439 8200 F: +971 4 439 3606 info@ae.sika.com Sika Saudi Arabia Co. Ltd P.O. Box 58647, Riyadh 11583 Kingdom of Saudi Arabia T: +966 11 2176532 F: +966 11 4193607 info@sa.sika.com

Sika International Chemicals LLC P.O. Box 55172 Abu Dhabi, UAE T: +971 2 643 0364 F: +971 2 676 0840 info@ae.sika.com Sika Oman P.O.Box 1067, Postal Code 130 Azaiba Muscat, Sultanate of Oman T: +968 2412 4826 F: +968 2412 4852 info@ae.sika.com

Sika Gulf B.S.C. P.O. Box 15776 Adliya, Bahrain T: +973 17 738 188 F: +971 17 732 476 info@bh.sika.com Sika Qatar LLC P.O.Box 201847 Doha, Qatar T: +974 40163366 F: +974 40163370 sika.qatar@bh.sika.com Sika Kuwait for Construction Materials & Paints W.L.L State of Kuwait T: +965 2228 2296 F: +965 2228 2297 sika.kuwait@bh.sika.com

