



THE COMPLETE FAÇADE SOLUTION ADHESIVES AND WEATHER SEALING

BUILDING TRUST



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THE SERVICES WE OFFER

- Site visits
- Design assistance
- Structural calculations
 - Standard details
- Registered contractor schemes
- Comprehensive training (in-house or on-site)
 - Technical services
- UK based adhesion compatibility testing
 - Colour samples

Sales order contact details:

Email: facade@uk.sika.com

Tel: 01707 358550

Technical contact details:

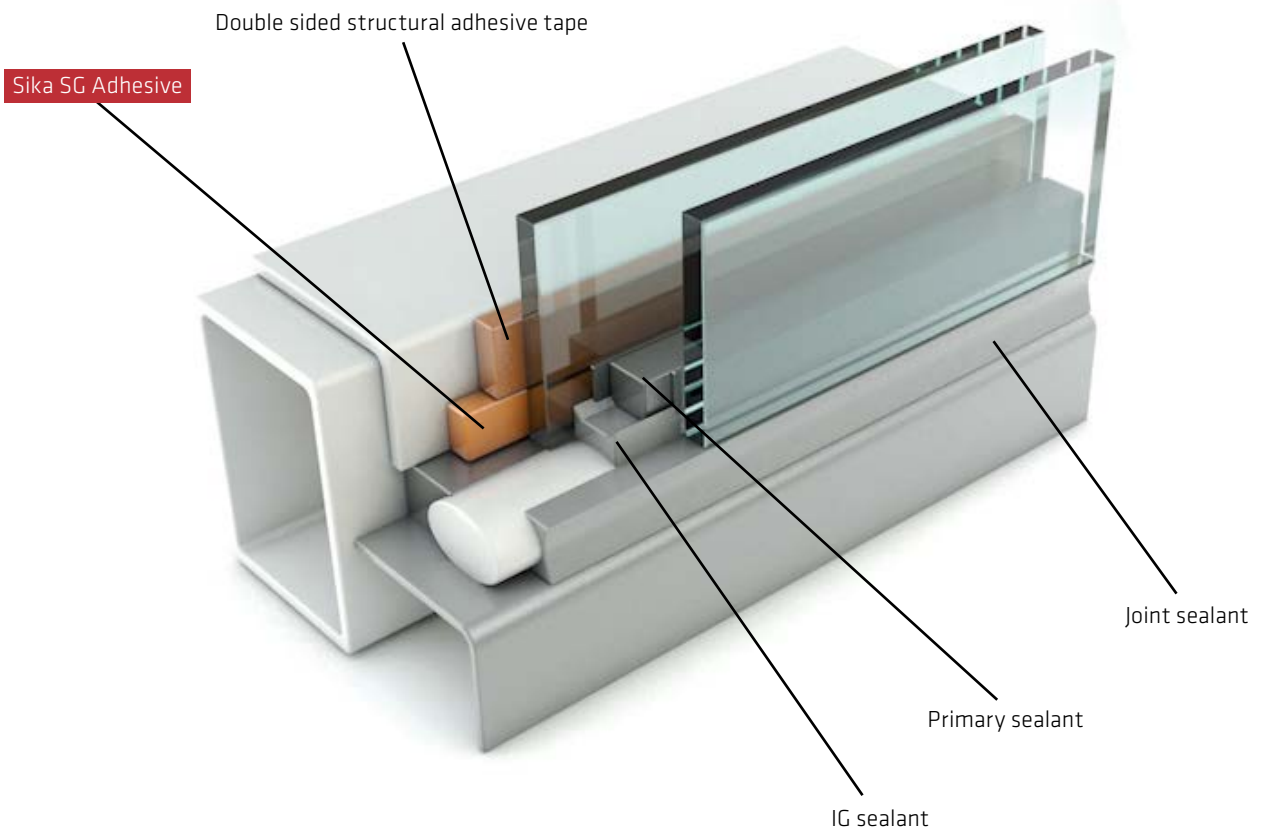
Email: facade@uk.sika.com

Tel: 01707 363893

STRUCTURAL GLAZING

BEST IN CLASS

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



SIKA SOLUTIONS

- 1 Sikasil® SG-20**
- 2 Sikasil® SG-500**
- 3 Sikasil® SG-550**

THE BENEFITS

- 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

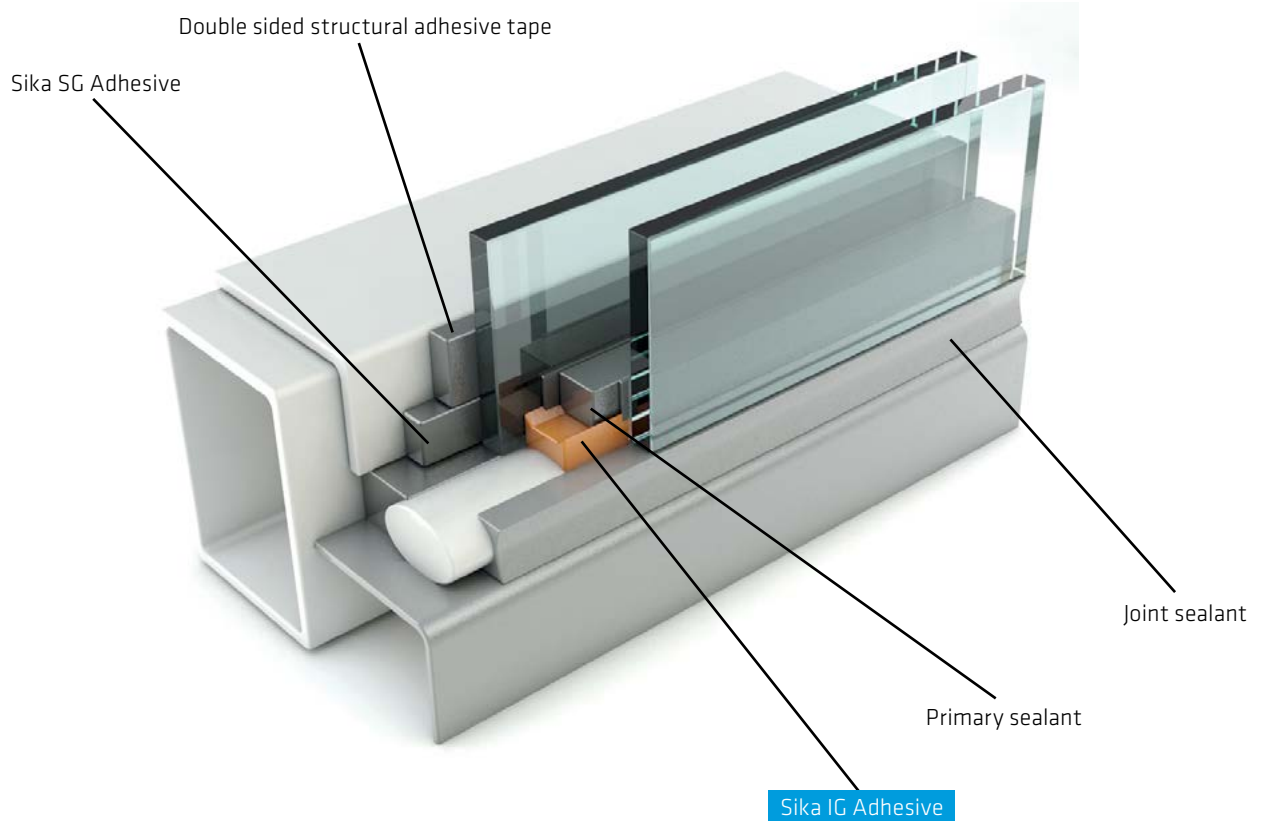
THE PRODUCTS

	Sikasil® SG-20	Sikasil® SG-500	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	<ul style="list-style-type: none"> ■ Ease of use – 1 component application ■ Outstanding UV and weathering resistance for long term durability as required in ETAG 002 	<ul style="list-style-type: none"> ■ Available in a handy 2-part cartridge format ■ Broad adhesion range ■ Outstanding UV and weathering resistance for long term durability as required in ETAG 002 	<ul style="list-style-type: none"> ■ Excellent UV and weather resistance ■ Highest available design strength ■ High modulus without compromising elasticity
APPLICATION	<ul style="list-style-type: none"> ■ Glass to metal structural glazing ■ Glass to glass bonding ■ Bonding of solar modules 	<ul style="list-style-type: none"> ■ Glass to metal structural glazing ■ Glass to glass bonding ■ Other high demanding industrial applications 	<ul style="list-style-type: none"> ■ Very high demanding SG applications ■ Special bomb blast requirements ■ Minimising visible adhesive sight lines
CHEMICAL BASE	Neutral cure silicone, 1-part	Neutral cure silicone, 2-part High modulus	Neutral cure silicone, 2-part High modulus
PACK SIZE	300ml cartridges 600ml sausages	490ml cartridges (A+B) 26kg (part A) 260kg (part A) 20kg (part B)	250kg (part A) 20kg (part B)
COLOURS	White, Grey S6, Black	Grey S6, Black	White, Grey S6, Black
APPROVALS	<ul style="list-style-type: none"> ■ EN 13022 ■ ASTM C920 ■ DIN 4102-B1 ■ EOTA ETAG No. 002 – 2001, ETA CE mark ■ ASTM C1135 ■ ASTM C1184 ■ SNJF-VEC 	<ul style="list-style-type: none"> ■ EN 13022 ■ ASTM C1184 ■ DIN 4102-B1 ■ EOTA ETAG No. 002 – 2001, ETA CE mark ■ SNJF-VEC ■ SNJF-VI-VEC 	<ul style="list-style-type: none"> ■ EN 13022 ■ ASTM C920 ■ ASTM C1184 ■ DIN 4102-B1 ■ EOTA ETAG No. 002 – 2001, ETA CE mark ■ SNJF-VEC

INSULATED GLASS

LOWEST ARGON LOSS RATES

Good quality Sika silicone sealed IG units can produce units with excellent gas retention properties



SIKA SOLUTIONS

1 Sikasil® IG-25 HM PLUS

THE BENEFITS

- 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 of IG edge sealing, including primary and secondary sealants, suitable for gas retention of 30+ years

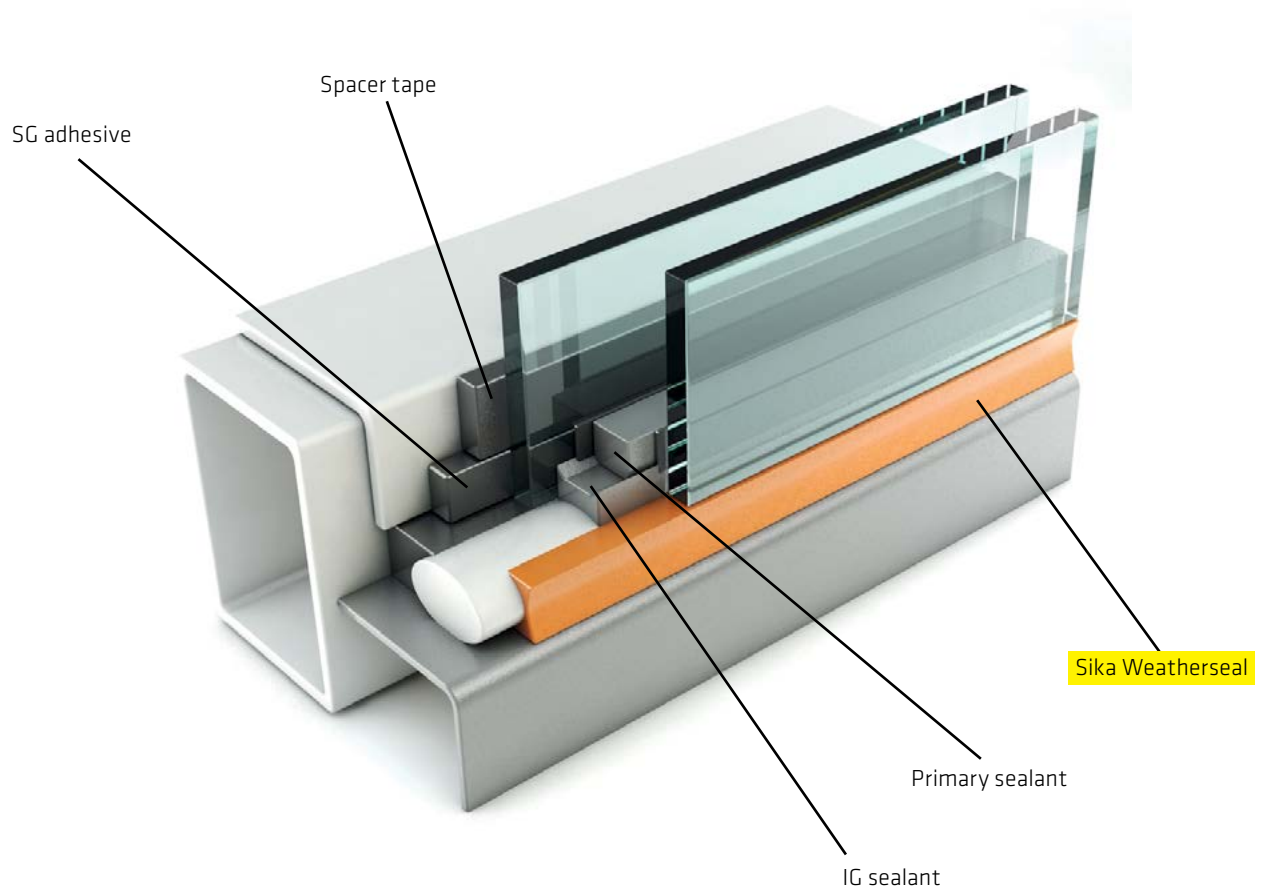
THE PRODUCTS

	Sikasil® IG-25 HM PLUS
DESCRIPTION	Ultra high modulus secondary seal
KEY FEATURES	<ul style="list-style-type: none">■ Lowest argon loss rates (0.3%)■ High design strength sealant■ Outstanding UV resistance
APPLICATION	<ul style="list-style-type: none">■ Air and argon filled dual sealed IG units■ For all SG facades
CHEMICAL BASE	Neutral cure silicone, 2-part High modulus
PACK SIZE	260kg (part A) 20kg (part B) 180kg (part B)
COLOURS	Grey S6, Black
APPROVALS	<ul style="list-style-type: none">■ EN 1279 (including Part 3)■ ETAG 002■ EN 15434

JOINT SEALING

OUTSTANDING PERFORMANCE

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



SIKA SOLUTIONS

1 Sikasil® WS-605 S

THE BENEFITS

- Non streaking on glass and metal
- Standard grades and specialities available
- Non staining for glass façade applications which incorporate natural stone
- Available in a variety of colours

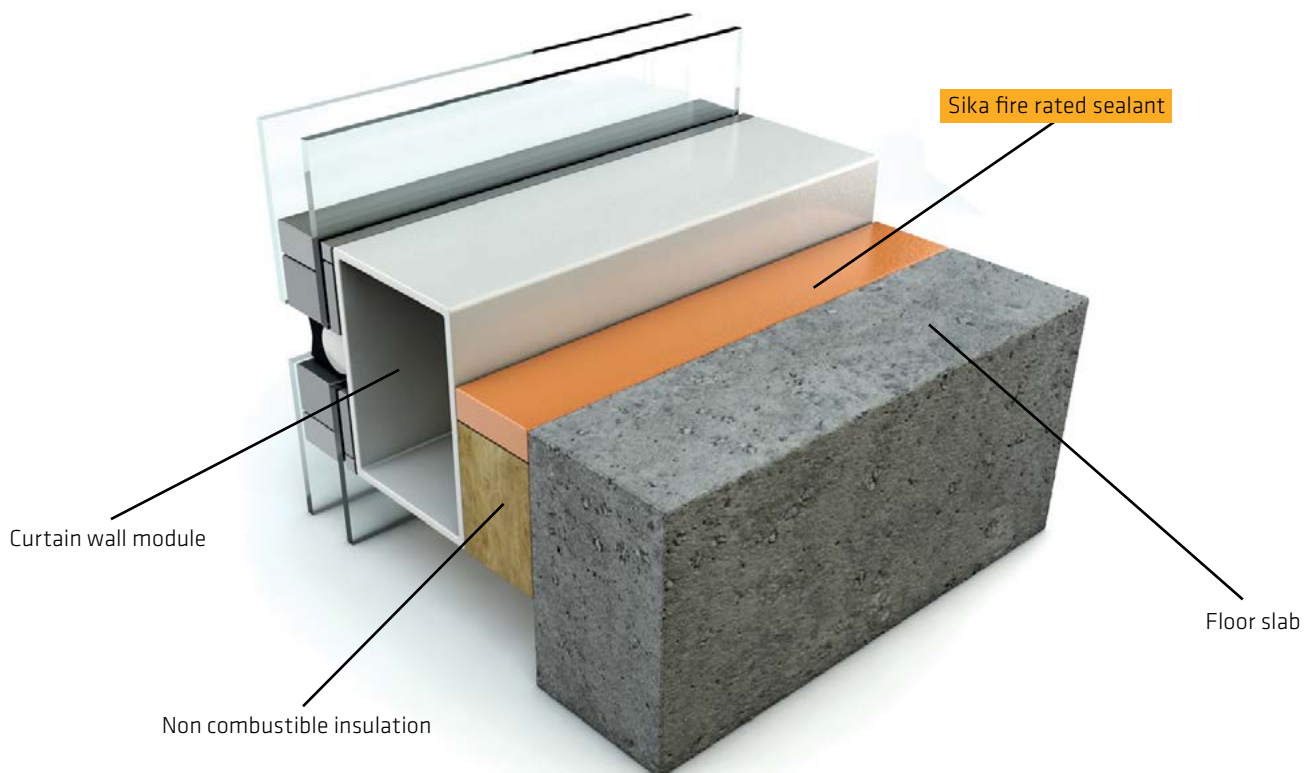
THE PRODUCTS

Sikasil® WS-605 S	
DESCRIPTION	Excellent UV and weather resistant sealant for use with Sika structural glazing systems
KEY FEATURES	<ul style="list-style-type: none"> ■ Non streaking on glass and metal ■ Fully compatible and fully tested with all Sika Structural Glazing systems ■ Easily disposable foil packaging ■ +/- 50% movement
APPLICATION	<ul style="list-style-type: none"> ■ Glass and metal facades ■ All structural glazing applications ■ Curtain walls
CHEMICAL BASE	Neutral cure silicone, 1-part Low modulus
PACK SIZE	600ml sausages
COLOURS	Transparent, White, Grey S1, Grey S6, Black
APPROVALS	<ul style="list-style-type: none"> ■ ISO 11600 F&G 25LM ■ ASTM C920, class 50 ■ ISO 16938-1 non-staining ■ DIN 18540 F ■ DIN 18545 E ■ ASTM C1248 non-staining

FIRE RATED SYSTEMS

OUTSTANDING DURABILITY

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



SIKA SOLUTIONS

- 1 Sikasil® FS-670 Fire
- 2 Sikasil® FS-665 SL

THE BENEFITS

- Tested to relevant standards
- Suitable for both vertical joints in facades and horizontal floor joints between the façade and floor slab

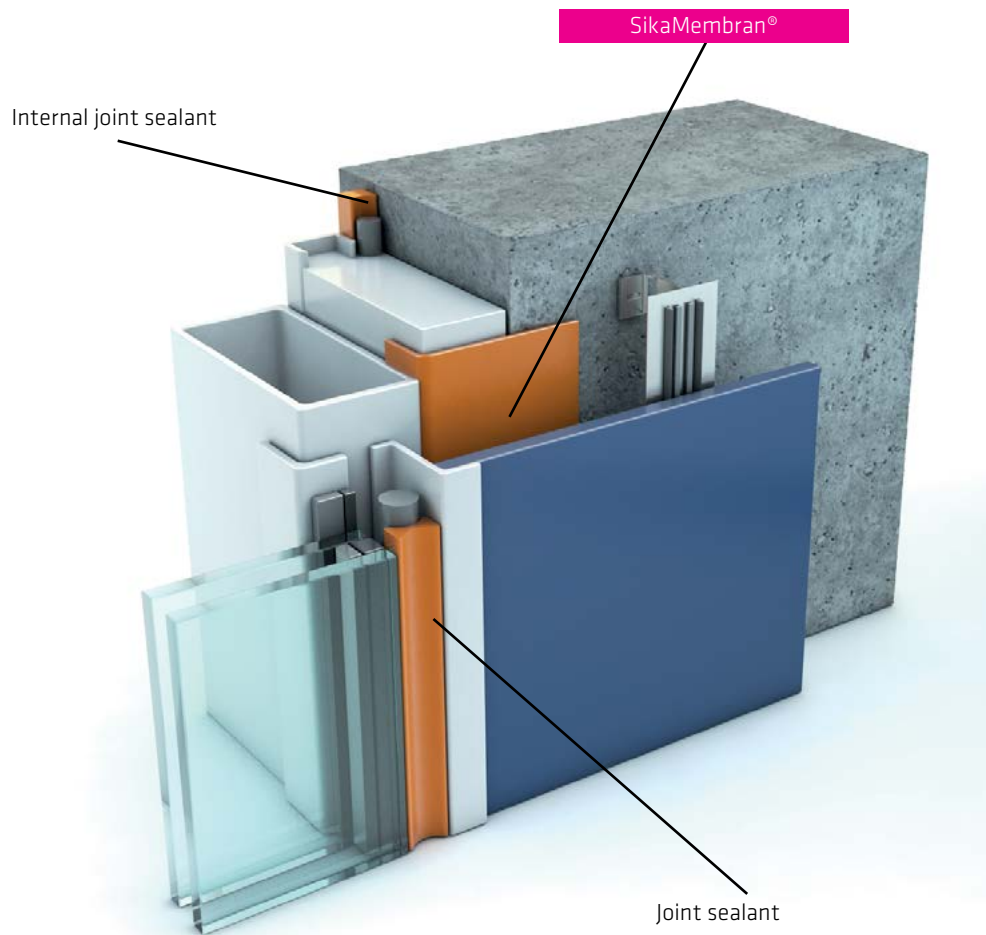
THE PRODUCTS

	Sikasil® FS-670 Fire	Sikasil® FS-665 SL
DESCRIPTION	Sika structural glazing system compatible silicone	Self levelling silicone
KEY FEATURES	<ul style="list-style-type: none"> ■ Compatible with Sikasil structural glazing system ■ Fire rated for up to 4 hours in accordance with EN 1366-4 ■ Outstanding weathering and ageing resistance 	<ul style="list-style-type: none"> ■ Optimised self levelling application for filling complex details ■ Fire rated to BS 476 part 20 (4 hours) ■ Outstanding weather and UV resistance
APPLICATION	<ul style="list-style-type: none"> ■ 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 	<ul style="list-style-type: none"> ■ Horizontal joints ■ Between curtain wall and floor slabs ■ Prevents spread of fire and smoke
CHEMICAL BASE	Neutral cure silicone, 1-part	Neutral cure silicone, 1-part
PACK SIZE	300ml cartridges 600ml sausages	25kg
COLOURS	White, Grey S6, Black	Black
APPROVALS	<ul style="list-style-type: none"> ■ 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 140-3 ■ EN 13501-1 class B-s2-d0 	<ul style="list-style-type: none"> ■ ISO 11600 F&G 25LM ■ ASTM 920 ■ DIN 4102-B1 ■ BS 476 part 20 ■ EN 15651-4, PW INT 25LM

MEMBRANE SYSTEMS

VAPOUR CONTROL SYSTEM

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



SIKA SOLUTIONS

- 1 SikaMembran® Universal
- 2 SikaBond® TF+ N
- 3 SikaMembran®-220 FR
- 4 SikaMembran®-200 FSA

THE BENEFITS

- 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

THE PRODUCTS

	SikaMembran® Universal	SikaBond® TF+ N Adhesive	SikaMembran®-220 FR	SikaMembran®-200 FSA
DESCRIPTION	Vapour control layer and waterproof barrier	Exclusively formulated for fixing SikaMembran® system	Fire rated rolled sealant with a strong butyl adhesive layer, with excellent watertightness. For ease of application, it comes with a split liner, positioned 30mm from the edge	Self adhesive, water resistant, fire rated and moisture permeable material, providing an airtight seal
KEY FEATURES	<ul style="list-style-type: none"> ■ Lightweight yet extremely durable ■ UV resistant ■ Will not perish ■ No pre-treatment necessary ■ Very easy to install ■ Available in a wide choice of widths 	<ul style="list-style-type: none"> ■ 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 	<ul style="list-style-type: none"> ■ B-s1,d0 according to BS EN 13501, tested over 12mm Euro class A2-s1-d0 or better with a minimum density of 525kg/m³ ■ Self-adhesive membrane ■ Split liner ■ Creates airtight fire safe seal around door and window frames ■ BBA certified 	<ul style="list-style-type: none"> ■ B-s2,d0 according to BS EN 13501, tested over 12mm calcium silicate/ fibre cement board ■ Self-adhesive membrane ■ Air tight and moisture permeable ■ BBA certified ■ Good tear resistance ■ Lightweight and easy to apply ■ Can be left exposed for 120 days on during construction ■ Free from VOC's (volatile organic compounds)
APPLICATION	<ul style="list-style-type: none"> ■ Curtain wall installation ■ Ventilated facades ■ Commercial window installation 	<ul style="list-style-type: none"> ■ Concrete ■ Wood ■ Aluminium (including powder coating) ■ Many other construction materials 	<ul style="list-style-type: none"> ■ Provides a secure, durable watertight and vapour permeable seal between the building structure and doors/ windows ■ Used on curtain wall facades and ventilated cladding and window installations 	<ul style="list-style-type: none"> ■ Used for cavity wall or rainscreen cladding systems ■ Adheres to concrete and other weather board products
CHEMICAL BASE	EPDM	Polyurethane, 1-part	Butyl based adhesive membrane	A fabric coated polyethylene membrane, with an acrylic adhesive
PACK SIZE	100mm x 25m roll, 150mm x 25m roll 200mm x 25m roll 250mm x 25m roll 300mm x 25m roll 350mm x 25m roll 450mm x 25m roll 500mm x 25m roll 600mm x 25m roll 800mm x 25m roll 1000mm x 25m roll 1400mm x 25m roll	600ml sausages		
COLOURS	Black	Black		
APPROVALS	<ul style="list-style-type: none"> ■ Meets fire rating requirements of EN 13501-1 Class E 			

BALUSTRADE ADHESIVE

TOTAL VISION GLAZING

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



SIKA SOLUTIONS

1 SikaForce®-335 GG

THE BENEFITS

- 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

THE PRODUCTS

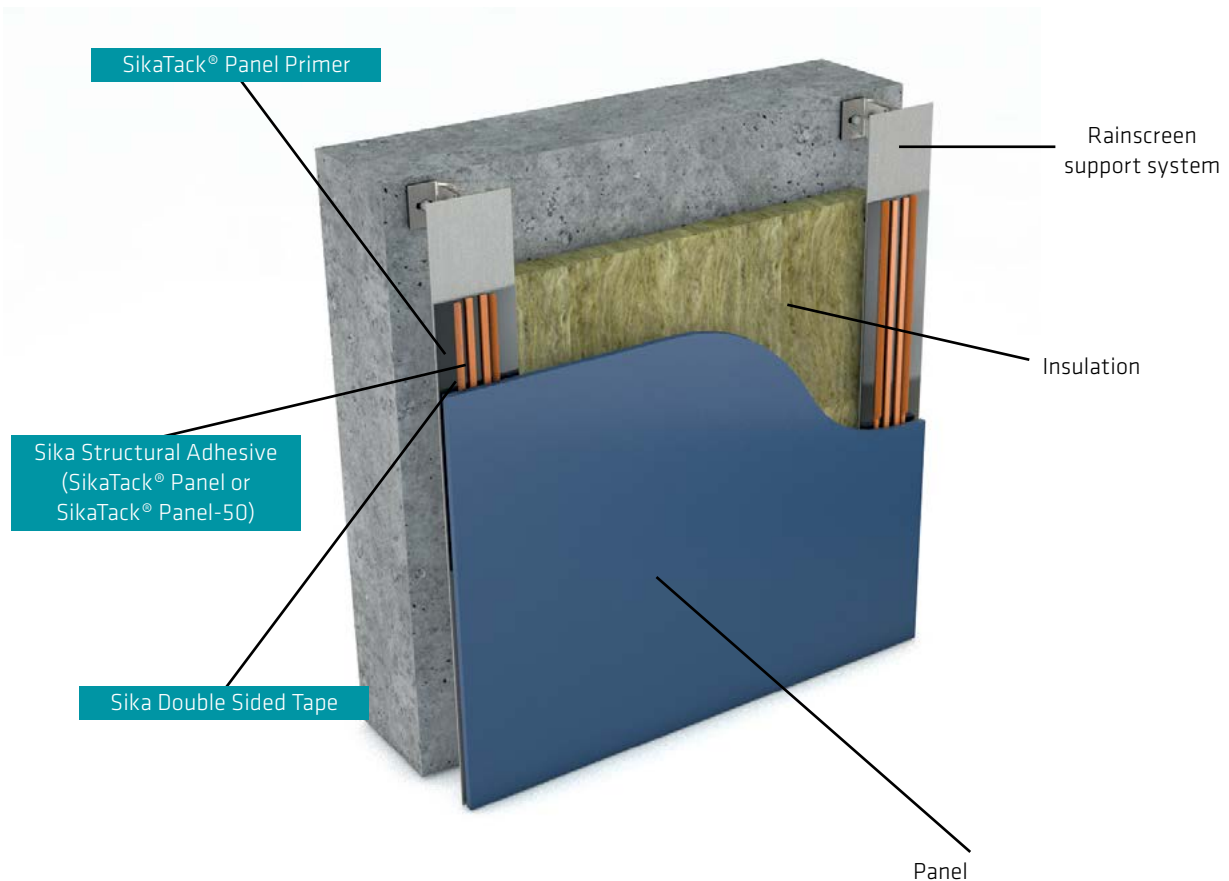
	SikaForce®-335 GG
DESCRIPTION	Self levelling PU 'grout'
KEY FEATURES	<ul style="list-style-type: none"> ■ Non streaking on glass and metal ■ Full compatibility with PVB laminated glass ■ Very easy to install ■ High Shore D hardness ■ Solvent free ■ Long open time
APPLICATION	<ul style="list-style-type: none"> ■ 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	5kg (part A) 25kg (part A) 1kg (part B) 5kg (part B) 20kg (part B)
COLOURS	Beige
APPROVALS	

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

SikaTack® Panel and SikaTack® Panel-50 are adhesives.

THE BENEFITS

- 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

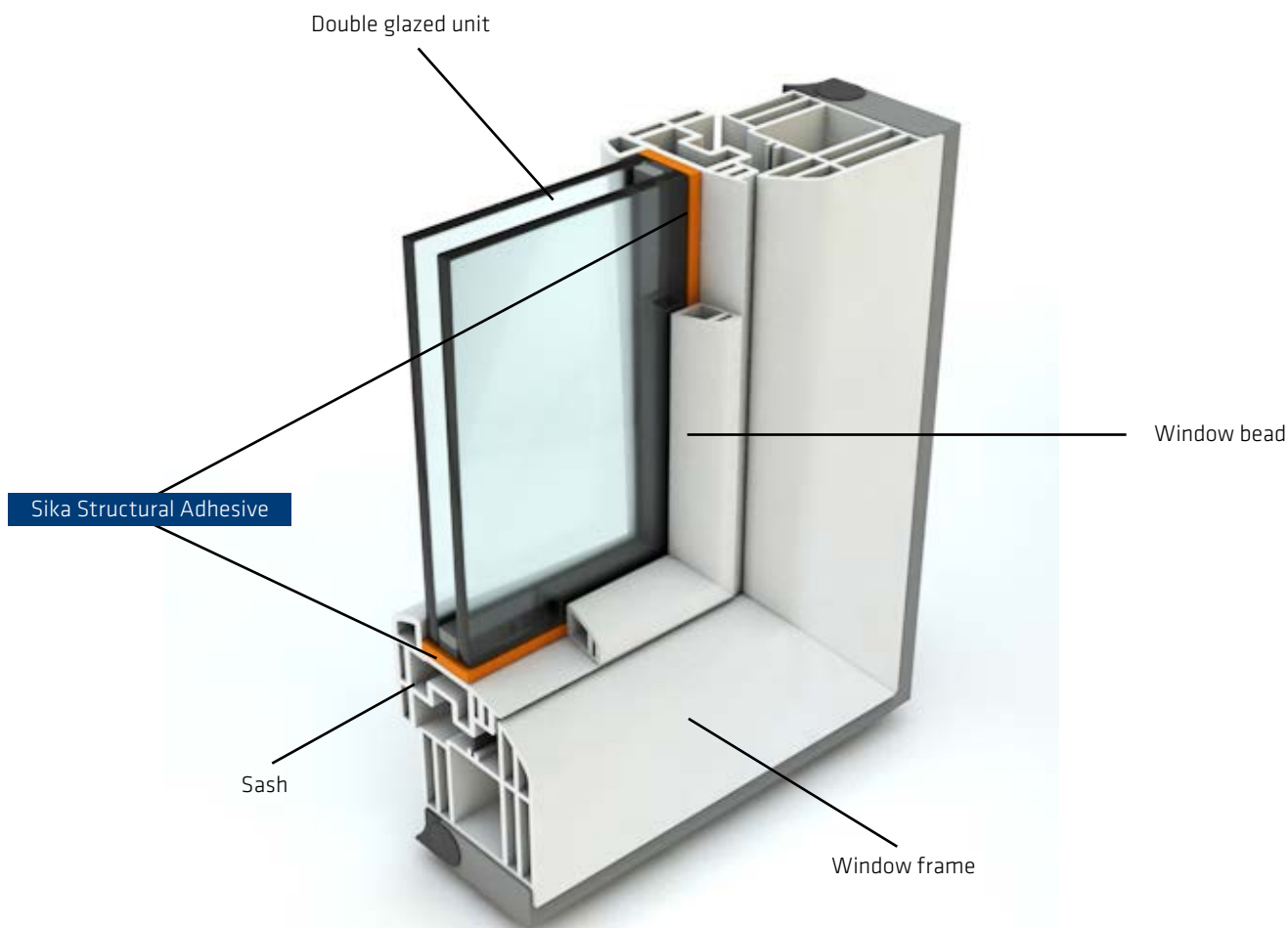
THE PRODUCTS

	SikaTack® Panel Adhesive	SikaTack® Panel-50 Adhesive
DESCRIPTION	Panel adhesive for ventilated façades. The high strength system comprises of: <ul style="list-style-type: none"> ■ 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: <ul style="list-style-type: none"> ■ SikaTack Panel-50 Adhesive ■ Sika Aktivator-205 ■ Sika Primer 210 (colourless) ■ SikaTack Panel Primer (black) ■ SikaTack Double Sided Tape
KEY FEATURES	<ul style="list-style-type: none"> ■ Registered contractor scheme to assure quality of installation on site ■ Primary fix solution for ventilated rainscreen cladding (no need for secondary mechanical fixation) 	<ul style="list-style-type: none"> ■ Registered contractor scheme to assure quality of installation on site ■ Primary fix solution for ventilated rainscreen cladding (no need for secondary mechanical fixation)
APPLICATION	<ul style="list-style-type: none"> ■ Tested with ALL major panel brands ■ Aluminium or timber frames ■ Site or factory bonding 	<ul style="list-style-type: none"> ■ Tested with Fibre cement panels ■ Aluminium or timber frames ■ Site or factory bonding
CHEMICAL BASE	Polyurethane, 1-part	Neutral cure silicone, 1-part
PACK SIZE	300ml cartridges 600ml sausages	600ml sausages
COLOURS	Ivory	Grey
APPROVALS	<ul style="list-style-type: none"> ■ BBA 4218/05 	

STRUCTURAL WINDOW BONDING

LET THE LIGHT FLOOD IN!

Up to **30%** more light by increasing the glass area



SIKA SOLUTIONS

1 Sikasil® WT-66

THE BENEFITS

- Eliminate call out costs
- Burglary resistance
- Lower manufacturing costs
- Slimmer sash - more light!

THE PRODUCTS

SikaSil® WT-66

The new innovative Sika PowerCure adhesive Sikasil® WT-66, combines the advantages of one and two component products.

Sikasil® WT-66 is a 1 component, easy to handle adhesive with a battery operated dispenser that has accelerated curing speeds independent of any climate conditions. Therefore, no additional or costly equipment required.

ADVANTAGES

- 1-component, easy to use
- Perfect for glass bonding
- Accelerated curing
- Excellent UV resistance
- Sika® PowerCure® dispensers flexible to use
- Reduces process times due to high output
- No limit in joint depth



PRODUCT	Sikasil® WT-66
SHORE A HARDNESS	50 (approx)
CHARACTERISTICS	<ul style="list-style-type: none">■ High strength at high elongation■ Accelerated cure
COLOUR	Black

The choice of product will depend on the individual process. Discuss with one of our experts or contact us for more information (see page 3)

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

- 4 Sika® Cleaner P
- 5 Sika® Primer-3N
- 6 Sika® Primer-210
- 7 Sika® Primer-215

THE PRODUCTS

Sika® Aktivator	
DESCRIPTION	Bonding activator
USES	For surfaces prior to sealing and bonding with Sikasil® and Sikaflex® products



Sika® Aktivator-205	
DESCRIPTION	Pre-treatment agent for non porous substrates
USES	To clean and activate the following non-porous substrates: <ul style="list-style-type: none"> ■ Metals ■ Plastics ■ Glazed ceramics ■ Painted surfaces



Sika® Remover-208	
DESCRIPTION	Solvent based cleaning agent
USES	For surface preparation and removal of uncured adhesives and sealants



Sika® Cleaner P	
DESCRIPTION	Solvent based, low viscosity cleaning agent for non porous substrates
USES	Can be used to remove contaminants such as grease, oil, dust and dirt from surfaces



Sika® Primer-3N	
DESCRIPTION	Primer suitable for slightly damp or dry, porous, absorbent materials and metals
USES	Dry, porous, absorbent materials










Sika® Primer-210	
DESCRIPTION	A low viscosity liquid primer used to improve the adhesion of Sika adhesives and sealants
USES	For metals i.e. aluminium and galvanised steel, plastic and paint-primed substrates. For porous and non-porous substrates



Sika® Primer-215	
DESCRIPTION	Primer suitable for priming various plastics, timber and other porous materials prior to bonding
USES	For plastics, varnishes, lacquers and porous absorbent materials. Preferred for joints around windows where a variety of materials are encountered



ANCILLARIES

PRODUCT	DESCRIPTION	
Sika® Hand Wipes	Heavy duty hand wipes with texture specifically designed for removing uncured Sika sealants.	
Sika® Hand Cleanser	Heavy duty hand cleanser	
Everbuild® Wonder Wipes	Multi use wipes, containing an anti-bacterial additive, used to clean hands, tools and surfaces	
Everbuild® Glass Protector	Self adhesive sheet is ideal for protecting glass against mess, dirt, staining, spillages and soiling. Reduces the risk of scratches to glass.	
Sika® Bulk Gun	For 600ml sausages	
Sika® Electroflow Battery Powered Bulk Gun	14.4v rechargeable bulk gun for use with both 300ml cartridges and 600ml sausages	
Sika® Electroflow Battery	14.4v spare rechargeable battery for use with the Sika® Electroflow Battery Powered Bulk Gun	
Sika® Electroflow Carry Case	Carry case for Sika® Electroflow Battery Powered Bulk Gun	
MK V Heavy Duty Sealant Gun	Heavy duty applicator for use with 300ml cartridges	

SikaBond® Protect

Sprayable surface protector which provides a temporary, weather resistant and peelable protective coating for non-porous substrates.



DID YOU KNOW

many panels of glass were replaced on the iconic building at 32 London Bridge Street, due to cosmetic damage during installation

THE BENEFITS

- Easy to use and remove
- Protects surfaces against
 - Abrasion
 - Staining
 - Spillage
 - Weathering
 - Scratching
- Ideal for use on
 - Glass
 - PVC
 - Fibreglass
 - Metal

SIKA IS EVERYWHERE

LONDON LANDMARKS



The Highest Building in Europe

32 London Bridge Street

- Sikasil® SG - Structural Glazing
- Sikasil® IG - Insulated Glazing
- Sikasil® WS - Weather Sealing
- SikaTack® - Panel Bonding

60 Threadneedle Street

- Sikasil® SG - Structural Glazing
- Sikasil® WS - Weather Sealing
- SikaMembran® - EPDM
- SikaGlaze® GG - Balustrade Adhesive
- Sikaflex® - Joint Sealant

'Swiss Re' Building

30 St Mary Axe

- Sikasil® SG - Structural Glazing
- SikaMembran® - EPDM

'Walkie Talkie' Building

20 Fenchurch Street

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

Lifelong Learning Centre

Barking

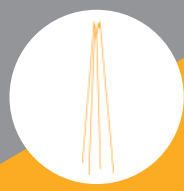
- SikaTack® - Panel Bonding

Click **HERE** for our brochure, '150 London Landmarks with Sika Inside', or scan the QR code with your mobile.





Structural
Glazing



Panel
Bonding



Insulated
Glass



Window
Bonding



Joint
Sealing



Membran



Fire Rated
Systems



Balustrade
Adhesive



Expanding
Tapes



Primers and
Pre-Treatments

**THE COMPLETE
FAÇADE SOLUTION**

SIKA FULL RANGE SOLUTIONS:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



BITUMINOUS ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



BUILDING FINISHING



WATERPROOFING



JOINT SEALING



FAÇADES



FLOORING



INDUSTRY



DISTRIBUTION



MODULAR/OFFSITE

FOR MORE INFORMATION:



WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika has a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 101 countries around the world and manufactures in over 300 factories. With more than 27,000 employees Sika generates annual sales of CHF 9.3 billion (£7.54 bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds, Wishaw and Dublin with more than 1000 employees and a turnover of more than £360 million.

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 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 proprietary rights of third parties must be observed. Please refer to our homepage www.sika.co.uk for our current standard terms & conditions applicable to all orders. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 358550 (Sales)
+44 1707 363893 (Technical)
E-Mail facade@uk.sika.com
www.sika.co.uk/facades
@SikaLimited

SIKA IRELAND LIMITED

Sika House
Ballymun Industrial Estate
Dublin 11
D11 DA2V
Ireland

Contact

Phone +353 1 862 0709
Fax +353 1 862 0707
E-Mail info@ie.sika.com
www.sika.ie
@Sikalreland

BUILDING TRUST

