



# SPECIFIER SEALANTS CATALOGUE



BUILDING TRUST



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# SIKA AT A GLANCE



**FOR ALL YOUR SEALING AND BONDING NEEDS** Sika Everbuild's expansive portfolio of sealants and adhesives offer a combination of battle-tested products with decades on the market and new, innovative products helping to move the industry forward.



## FLOORING

Sika provide high-performance flooring and wall coating solutions for a full range of applications, including food production facilities, multi-storey car parks, shops, restaurants, hospitals, manufacturing facilities, schools and residential homes.



## CONCRETE

Sika develops and markets numerous admixtures and additives for use in concrete, cement and mortar production. These products enhance specific properties of the fresh or hardened concrete, such as workability, watertightness, durability, or early and final strength.

**872  
EMPLOYEES**

ARE DEDICATED TO RESEARCH AND DEVELOPMENT

**18,000  
EMPLOYEES**

WITHIN THE SIKA FAMILY AROUND THE WORLD



## FAÇADES & WINDOWS

Sika provides a wide range of glazing, bonding and sealing solutions that allow architects to achieve their creative vision, while ensuring it doesn't come at the cost of energy efficiency, weatherproofing and other important functions.



## WATERPROOFING

Sika is committed to providing proven and economic watertight solutions for even the most challenging requirements. We consider the entire waterproofing process to the very last detail and can provide solutions for both new build and refurbishment projects. We have a wide range of systems for both keeping water in and keeping water out.



## ROOFING

Combining performance with minimised environmental impact, our roofing systems and products protect buildings from all types of climate and weather conditions.

SIKA IS ESTABLISHED IN

**100 COUNTRIES**

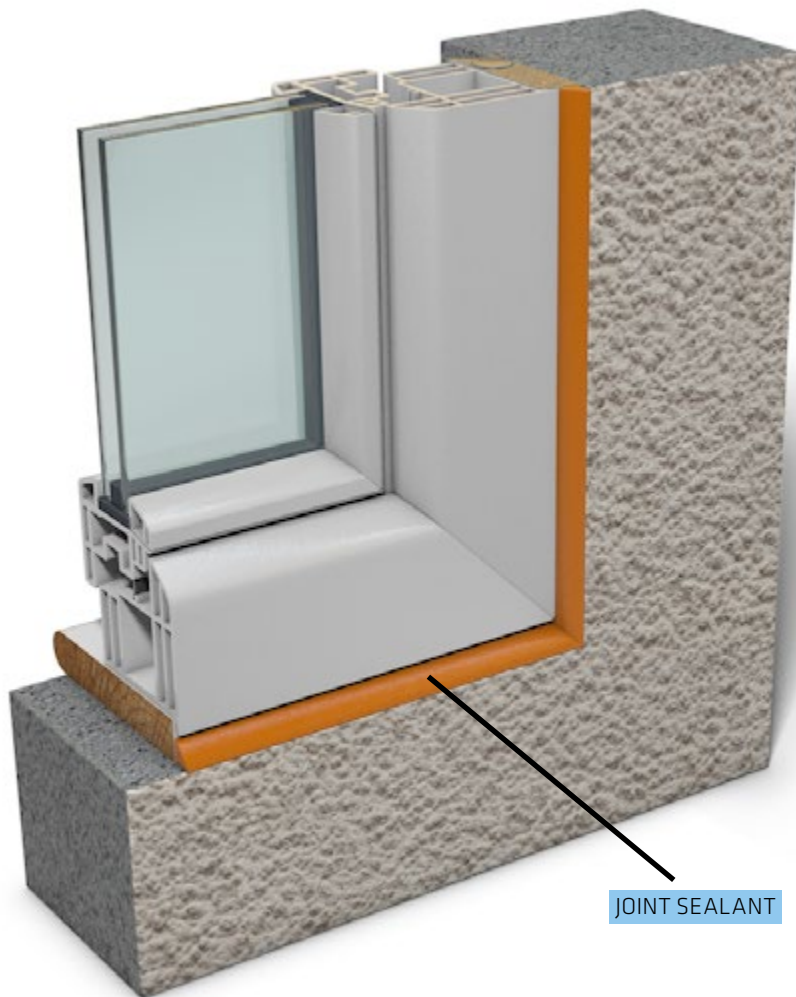
## KEY SIKA SERVICES



# MOVEMENT JOINTS AND PERIMETER SEALS

## LATEST CE REQUIREMENTS

Our extensive range of sealants meet the latest CE requirements and offer solutions for a wide range of applications and substrates.



# THE PRODUCTS



## SikaHyflex® 250 Façade

A high performance, one part, moisture curing, low modulus elastic joint sealant

### USES

- Movement and connection joints in precast panels, concrete, masonry and EIFS\*
- Perimeter sealing of aluminium windows

### CHARACTERISTICS AND ADVANTAGES

- Non slump
- Solvent free
- Very good weathering resistance
- Bubble free curing
- Good adhesion to many different substrates
- Very good extrusion and workability

### PRODUCT INFORMATION

CHEMICAL BASE	
i-Cure Technology polyurethane	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	~80% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
~70 minutes	~20 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F 25 LM EN 15651-1 F EXT-INT CC 25 LM EMICODE, EC1 <sup>PLUS</sup> R, very low emissions ASTM C 920, Class 100/50	LEED Attestation DIN 18540 F

### COLOUR

CONCRETE GREY	DARK GREY	BASALT GREY	BLACK
BUFF	PORTLAND	RUSTIC RED	CREAM IVORY
WHITE	PRECAST WHITE		

## Sikaflex® Construction+

A one part, moisture curing, elastic joint sealant

### USES

- Movement and connection joints in concrete façades

### CHARACTERISTICS AND ADVANTAGES

- Adheres to a wide range of common substrates
- Very good weathering resistance
- Solvent free
- Good workability
- Bubble free curing

### PRODUCT INFORMATION

CHEMICAL BASE	
i-Cure Technology polyurethane	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	~90% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
~55 minutes	~28 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F 25 HM EN 15651-1 F EXT-INT CC 25 HM ASTM C 920 Class 35 EMICODE, EC1 <sup>PLUS</sup> R, very low emissions	LEED Attestation

### COLOUR

GREY

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitation  
Note: When overpainting is required a compatibility test should be carried out

\* EIFS - Exterior Insulation and Finishing System

# THE PRODUCTS



## Sika® Everbuild Tecnic Silicone 825

Excellent premium one part, low modulus sealant

### USES

- Movement and connection joints to stone, brick, concrete and composite panels
- Perimeter sealing to PVCu and aluminium window and door frames

### CHARACTERISTICS AND ADVANTAGES

- Non slump
- Excellent weather resistance
- Adheres to a wide range of common substrates (porous and non-porous)
- Wide colour range

### PRODUCT INFORMATION

CHEMICAL BASE	
Neutral cure silicone	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	>80% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
30-45 minutes	~20-30 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F&G 25 LM EN 15651-1 F EXT-INT CC 25 LM EN 15651-2 G CC 25 LM	SNJF 25 E EN 15651-3 S XS2

### COLOUR

WHITE	LIMESTONE WHITE	MAGNOLIA	PORTLAND STONE
BEIGE	BUFF	BRICK RED	BROWN
MID GREY	DARK GREY	ANTHRACITE	DARK ANTHRACITE RAL 7016
BLACK			

## Sika® Everbuild Tecnic Hybriflex 480

One part, moisture curing, general purpose building sealant

### USES

- Trafficked floor joints less than 15mm wide
- Movement joints in brick, stone and concrete
- Perimeter pointing of windows and door frames

### CHARACTERISTICS AND ADVANTAGES

- Overpaintable
- Adheres to a wide range of common substrates
- Good weathering resistance
- Higher shore hardness value to help prevent damage from vandalism


### PRODUCT INFORMATION

CHEMICAL BASE	
Silane Terminated Polymer (STP)	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	~70% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
20-35 minutes	35-45 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F 25 HM EN 15651-1 F EXT-INT CC 25 HM EN 15651-4 PW EXT-INT CC 25 HM	

### COLOUR

GREY	WHITE

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out



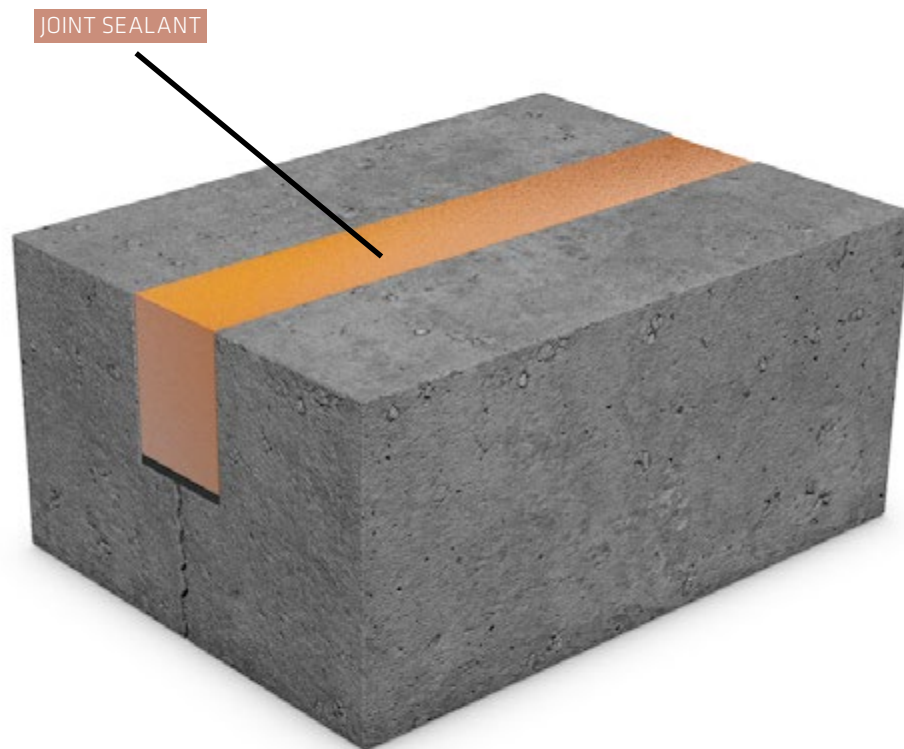
**Project: Colchester University**

**Products used: Sika Everbuild Tecnic Silicone 825,  
Sika Everbuild Tecnic Silicone S50**

# CIVIL ENGINEERING, FLOOR JOINTS AND SAW CUTS

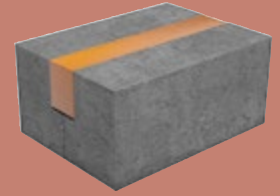
## EXCELLENT MECHANICAL AND CHEMICAL RESISTANCE

Our range of i-Cure polyurethane and hybrid polymer technologies meet the latest CE requirements, including elastic sealants for movement joints in floors. We offer solutions for both floor and wall applications, providing good mechanical and chemical resistance for a wide range of applications.





# THE PRODUCTS



## Sika® Everbuild Hybriflex SMP

One part, moisture curing, high modulus sealant and adhesive

### USES

- Ideal for stadiums and shopping centres
- Movement joints, saw cuts and concrete floor joints
- Slab expansion joints, where abrasion resistance is required

### CHARACTERISTICS AND ADVANTAGES

- Excellent trafficking, chemical and abrasion resistance
- Good slump resistance on wide vertical joints (up to 65mm)
- Overpaintable
- Solvent free

### PRODUCT INFORMATION

CHEMICAL BASE	
Silane Terminated Polymer (STP)	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	~70% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
20-55 minutes	~40 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F 25 HM EN 15651-1 F EXT-INT CC 25 HM EN 15651-4 PW EXT-INT CC 25 HM	

### COLOUR



GREY

## Sikaflex® Tank N

One part, moisture curing, elastic joint sealant for joints exposed to chemicals

### USES

- Areas that are used for the storage, filling and handling of water polluting liquids
- Floor joints in petrol stations, joints in handling areas, storage tanks, containment bunds and tunnels
- Movement and connection joints in parking garages

### CHARACTERISTICS AND ADVANTAGES

- High mechanical and chemical resistance
- Good application properties

### PRODUCT INFORMATION

CHEMICAL BASE	
Polyurethane	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
+/- 25% (ISO 9047)	~80% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
~90 minutes	~35 (ISO 868)
APPROVALS/STANDARDS	
ETA-09/0272	

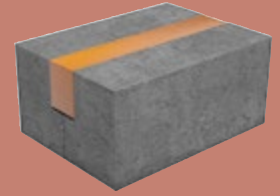
### COLOUR



CONCRETE GREY

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out

# THE PRODUCTS



## Sikaflex® PRO-3

High performance, one part, moisture curing, elastic joint sealant for flooring and civil engineering applications

### USES

- Movement and connection joints in floors, pedestrian and traffic areas, warehouses and production areas
- Applications in food industry, sewage treatment plants, cleanrooms and tunnel construction

### CHARACTERISTICS AND ADVANTAGES

- Very high mechanical and chemical resistance
- Good adhesion to most construction materials
- Solvent free
- Bubble free curing

### PRODUCT INFORMATION

CHEMICAL BASE	
i-Cure Technology polyurethane	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	~90% (ISO 7389)
TEAR PROPAGATION RESISTANCE	
~8.0 N/mm (ISO 34)	
SKINNING TIME	SHORE A HARDNESS
~60 minutes	~37 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F 25 HM EN 15651-4 PW EXT-INT CC 25 HM EMICODE, EC1 <sup>PLUS</sup> R LEED Attestation BS 6920 (Drinking water contact) Approval for food compatibility (ISEGA) Diesel and Jet Fuel Resistant (DIBt guidelines) Approval for cleanroom (CSM biological resistance and TVOC)	Water Waste Exposure (DIBt guidelines) ASTM C 1248 ASTM C 920, Class 35

### COLOUR



## Sikaflex® PRO-3 SL

High performance, self levelling, one part, elastic joint sealant for flooring and civil engineering applications

### USES

- Horizontal applications in movement and connection joints in floors, pedestrian, traffic, warehouses and production areas
- Applications in food industry, sewage treatment plants, cleanrooms and tunnel construction

### CHARACTERISTICS AND ADVANTAGES

- High mechanical and chemical resistance
- Good adhesion to most construction materials
- Solvent free
- Bubble free curing
- Self levelling

### PRODUCT INFORMATION

CHEMICAL BASE	
i-Cure Technology polyurethane	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
+/- 25% (ISO 9047)	~90% (ISO 7389)
TEAR PROPAGATION RESISTANCE	
~8.0 N/mm (ISO 34)	
SKINNING TIME	SHORE A HARDNESS
~100 minutes	~28 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F 25 HM EN 15651-4 PW EXT-INT CC 25 HM BS 6920 (Drinking water contact) Approval for food compatibility (ISEGA) Diesel and Jet Fuel Resistant (DIBt guidelines) Approval for cleanroom (CSM biological resistance and TVOC) Water Waste Exposure (DIBt guidelines)	LEED Attestation EMICODE, EC1 <sup>PLUS</sup> R ASTM C 920, Class 35

### COLOUR



Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out



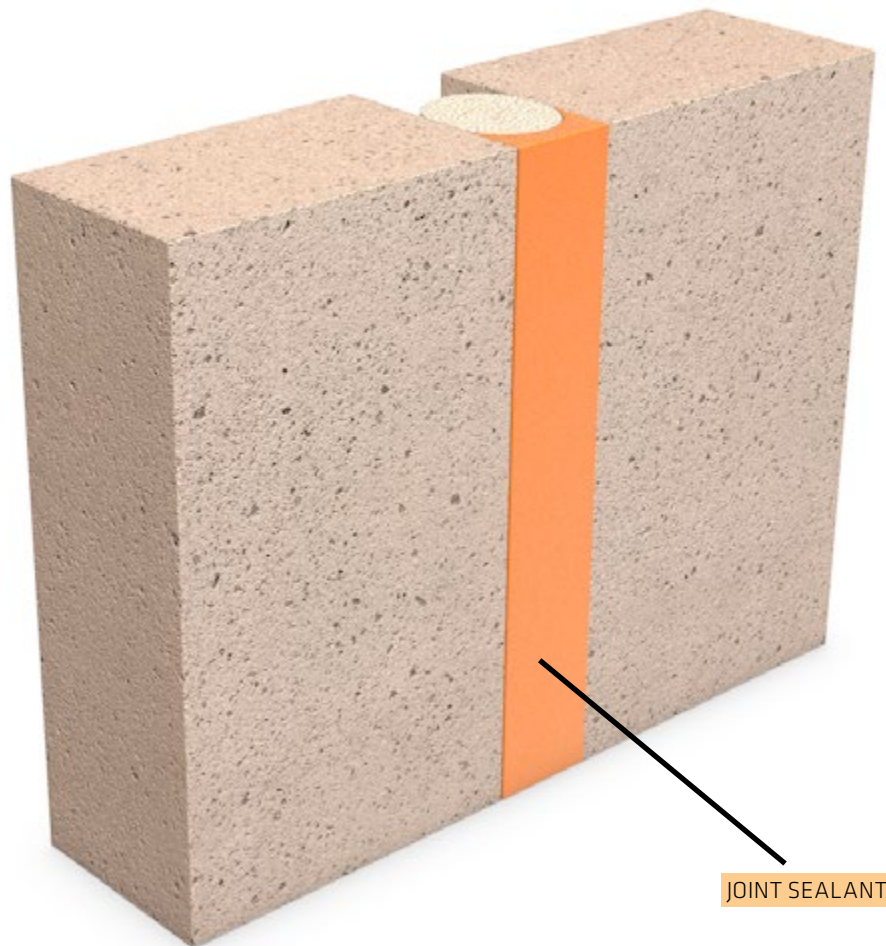
**Project: London Stadium**

**Products used: Sika Everbuild Hybriflex SMP,  
Sika Everbuild Tecnic Fire Sealant 400, Sealant Primer P1**

# CLADDING, CURTAIN WALLING AND GLAZING

## PERFORMANCE AND DURABILITY

The performance, durability and appearance of façades are dependent on appropriate weather sealing. The façade elements are ultimately subject to extreme movements due to temperature changes, moisture, shrinkage of construction materials, wind and vibrations, which may affect the joints and adjacent elements. Natural stone elements require compatible non-staining solutions.



# THE PRODUCTS



## Sikasil® WS-605 S

One part, low modulus, excellent UV and weather resistant sealant for use with Sika Structural Glazing systems

### USES

- Glass and metal facades
- All Structural Glazing applications
- Curtain walls

### CHARACTERISTICS AND ADVANTAGES

- Non-streaking on glass and metal
- Fully compatible and fully tested with all Sika Structural Glazing systems
- Easily disposable foil packaging

### PRODUCT INFORMATION

<b>CHEMICAL BASE</b>	
Neutral cure silicone	
<b>MOVEMENT CAPABILITY</b>	<b>ELASTIC RECOVERY</b>
±25% (ISO 9047), ±50% (ASTM C719)	~90% (ISO 7389)
<b>SKINNING TIME</b>	<b>SHORE A HARDNESS</b>
~25 minutes	~20 (ISO 868)
<b>APPROVALS/STANDARDS</b>	
ISO 11600 F&G 25LM ASTM C920, class 50 ISO 16938-1 non-staining ASTM C 1248 non-staining EN 15651-1 F EXT-INT 25 LM	DIN 18540 F DIN 18545 E EN 13501-1 Class E EN 15651-2 G CC 25 LM

### COLOUR



TRANSPARENT



BLACK

## SikaHyflex®-355

One part, moisture curing, low modulus, elastic non-staining weather sealant

### USES

- Weatherproofing and sealing applications where non-staining and non-streaking properties are required
- Weather sealing for neutral stone and metal cladding façades

### CHARACTERISTICS AND ADVANTAGES

- Non-staining and non-streaking
- Excellent weathering resistance
- Solvent free
- Very low emissions
- Fully compatible and fully tested with all Sika Structural Glazing systems

### PRODUCT INFORMATION

<b>CHEMICAL BASE</b>	
Neutral cure silicone	
<b>MOVEMENT CAPABILITY</b>	<b>ELASTIC RECOVERY</b>
±25% (ISO 9047) ±35% (ASTM C719)	~85% (ISO 7389)
<b>RESISTANCE TO WEATHERING</b>	
10 (ISO/DIS 19862)	
<b>SKINNING TIME</b>	<b>SHORE A HARDNESS</b>
~20 minutes	~25 (ISO 868)
<b>APPROVALS/STANDARDS</b>	
ISO 11600 F&G 25LM ASTM C 1248 non-staining EN 15651-1 F EXT-INT 25 LM	ISO 16938-1 ASTM C920, Class 35 EN 15651-2 G CC 25 LM

### COLOUR



GREY S6



BLACK

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out

# THE PRODUCTS



## SikaMembran® Universal

Vapour control layer and waterproof barrier

- Curtain wall installation
- Ventilated facades
- Commercial window installation
- Meets fire rating requirements of EN 13501-1 Class E

### CHARACTERISTICS AND ADVANTAGES

- Lightweight yet extremely durable
- UV resistant
- Will not perish
- No pre-treatment necessary
- Very easy to install
- Available in a wide choice of widths

### PRODUCT INFORMATION

100mm x 25m roll	450mm x 25m roll
150mm x 25m roll	500mm x 25m roll
200mm x 25m roll	600mm x 25m roll
250mm x 25m roll	800mm x 25m roll
300mm x 25m roll	1000mm x 25m roll
350mm x 25m roll	1400mm x 25m roll

### COLOUR



BLACK

## SikaBond® TF+N Adhesive

Exclusively formulated for fixing SikaMembran® system

- Concrete
- Wood
- Aluminium (including powder coating)
- Many other construction materials

### CHARACTERISTICS AND ADVANTAGES

- 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

### PRODUCT INFORMATION

CHEMICAL BASE	
1-part, moisture cure polyurethane	
ELONGATION AT BREAK	
500%	
SKINNING TIME	SHORE A HARDNESS
90 minutes	Approx. 25

### COLOUR



GREY S6



BLACK

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
 Note: When overpainting is required a compatibility test should be carried out

# THE PRODUCTS



## Sika® Everbuild Tecnic Silicone 996

One part, low modulus, excellent UV and weather resistant sealant

### USES

- Glass to glass and glass to aluminium joints
- Perimeter pointing externally and internally around PVC/ wood and other window frames
- Weather and joint sealing to preformed and cladding panels

### CHARACTERISTICS AND ADVANTAGES

- Excellent weathering resistance
- Excellent adhesion for both porous and non porous substrates

### PRODUCT INFORMATION

CHEMICAL BASE	
Neutral cure silicone	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	>70% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
15-30 minutes	25-35 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F&G 25 LM EN 15651-1 F EXT-INT CC 25 LM EN 15651-2 G CC 25 LM	

### COLOUR



BLACK



TRANSPARENT

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out



Project: 100 Berkshire Place

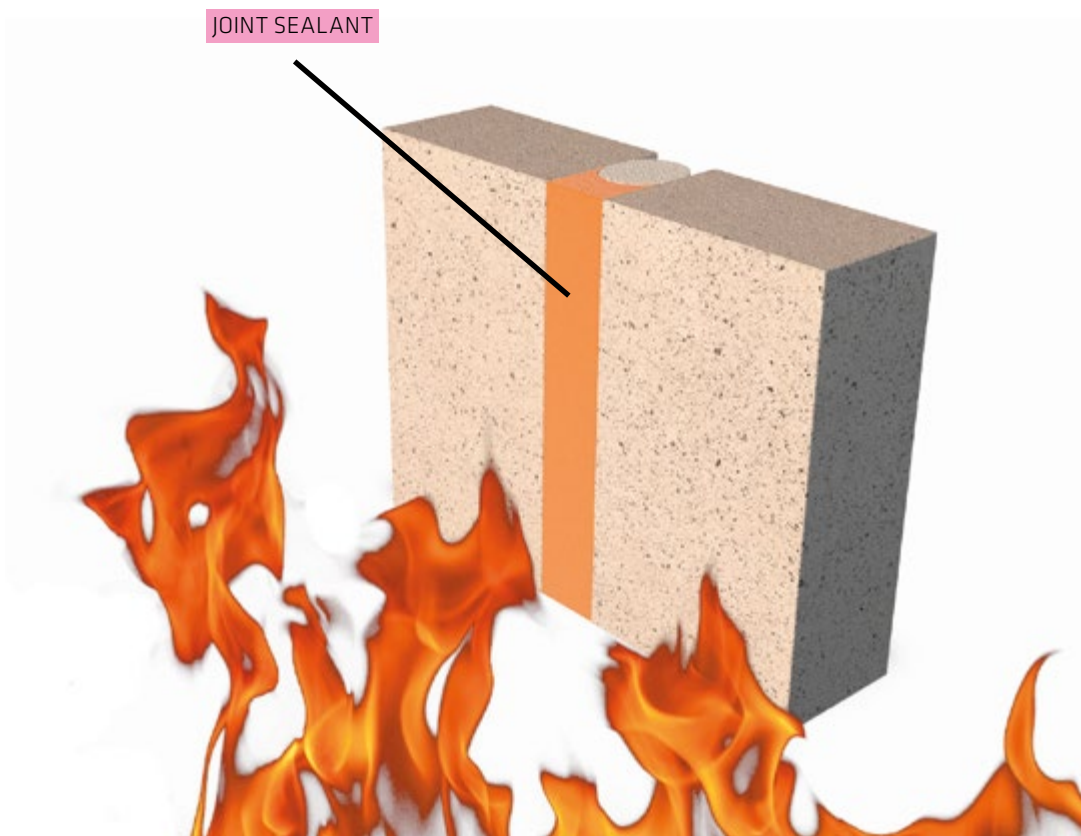
Products used: Sika Everbuild Tecnic Silicone 996



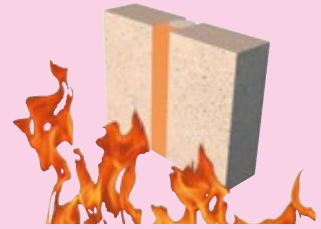
# FIRE AND ACOUSTIC PROTECTIVE SEALS

## FOR SPECIFIC FIRE RATING REQUIREMENTS

Fire rated and acoustic sealants are a vital consideration in all new design and build specifications. Our range of sealants are ideal when specific ratings are required.



# THE PRODUCTS



## Sika® Everbuild Tecnic Fire Sealant 300

One part, water based, intumescent flexible sealant for linear joints and penetrations

### USES

- Sealing joints and irregular holes in fire walls, partitions and block work
- Internal perimeter sealing around fire rated doors and window frames
- Penetration seals and connection joints

### CHARACTERISTICS AND ADVANTAGES

- Up to 5 hours fire resistance
- Swells up to 3 x its original size when exposed to heat
- Excellent acoustic properties for sound deadening (average reduction of 29dB)
- Halogen free
- Good adhesion to a wide range of substrates
- Overpaintable\*

### PRODUCT INFORMATION

CHEMICAL BASE	
Acrylic dispersion	
MOVEMENT CAPABILITY	SKINNING TIME
±12.5% (ISO 9047)	~10 minutes
APPROVALS/STANDARDS	
Acoustic rated to BS EN ISO 140-3 Tested for air permeability to EN 13141-1 Ventilation for buildings BS EN 1366-4 Assessment Report BS EN 1366-3 Assessment Report ETAG 026 Part 3	

### COLOUR



WHITE



GREY

## Sika® Everbuild Tecnic Fire Sealant 400

One part, moisture curing, low modulus, elastic fire rated joint sealant

### USES

- Movement and connection joints which require a fire rating

### CHARACTERISTICS AND ADVANTAGES

- Up to 4 hours fire resistance
- Adheres to a wide range of porous and non-porous substrates
- Very good weathering resistance
- Non slump

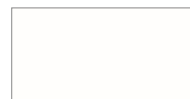
### PRODUCT INFORMATION

CHEMICAL BASE	
Neutral cure silicone	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	~70%
SKINNING TIME	SHORE A HARDNESS
15-20 minutes	~35-40
APPROVALS/STANDARDS	
BS EN 1366-4 Assessment Report Acoustic rated to BS EN ISO 140/3 Tested for air permeability to EN 13141-1 Ventilation for buildings EN 15651-1 F EXT-INT CC 25 LM ETAG 026 Part 3 DIN 4102-B1	

### COLOUR



BLACK



WHITE

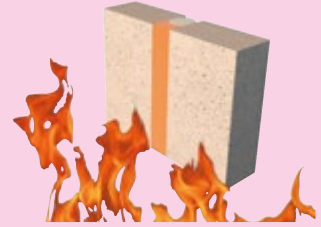


GREY

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations

\* The paint must be tested for compatibility by carrying out preliminary trials and the best results are obtained if the sealant is allowed to fully cure first. Please note that non flexible paint systems may impair the elasticity of the sealant and lead to cracking of the paint film

# THE PRODUCTS



## Sika® Everbuild Tecnic Hybriflex FR

One part, chemical curing, fire rated sealant and adhesive

### USES

- Ideally suited for stadium floor and wall expansion joints
- High traffic floor joints
- Saw cuts, cladding applications and slab expansion joints

### CHARACTERISTICS AND ADVANTAGES

- Up to 4 hours fire resistance
- Non slump
- Good abrasion and chemical resistance
- Excellent foot traffic capability
- Overpaintable

### PRODUCT INFORMATION

CHEMICAL BASE	
Silane Terminated Polymer (STP)	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±20% (ISO 9047)	~70% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
15-20 minutes	~30-40 (ISO 868)
APPROVALS/STANDARDS	
BS EN 1366-4 Assessment Report EN 15651-1 F EXT-INT CC 20 HM EN 15651-4 PW EXT-INT CC 12.5 E	

### COLOUR



GREY

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out



**Project: Principality Stadium (formerly Millennium Stadium), Cardiff**

**Products used: Sika Everbuild Hybriflex FR, Sealant Primer P1 and Sika Everbuild Joint Backer Rod**

# SANITARY AND HYGIENIC SEALANTS

## POWERFUL ANTI-FUNGAL COMPOUNDS AND ANTI-BACTERIAL

Mould growth on sealants is one of the most common complaints when using silicones internally for sanitary applications. Sika's comprehensive range of specialist sanitary sealants contain a powerful anti-fungal compound to prevent mould and fungal growth in these areas subject to high humidity. Furthermore, our range includes a specialist anti-bacterial sealant for use in clean rooms and hospital environments.



# THE PRODUCTS



## Sika® Everbuild Tecnic Silicone S50

One part sanitary sealant containing anti-fungal properties to prevent mould and fungal growth in areas of high humidity

### USES

- Perimeter sealing around all kitchen and bathroom sanitary areas
- Movement joint and corner sealing of ceramic tiles

### CHARACTERISTICS AND ADVANTAGES

- Flexible
- Waterproof seal
- High viscosity formula for quick easy tooling

### PRODUCT INFORMATION

CHEMICAL BASE	
Acetoxy cure silicone	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±20% (ISO 9047)	>80% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
~15 minutes	~15 (ISO 868)
APPROVALS/STANDARDS	
ISO 11600 F&G 20 LM EN 15651-1 F EXT-INT CC 20 LM EN 15651-2 G CC 20 LM EN 15651-3 S XS1	

### COLOUR



SANITARY  
WHITE

TRANSLUCENT JASMINE

MANHATTAN  
GREY

## Sika® Everbuild 565 Clean Room Silicone

One part, high modulus, FDA approved silicone sealant containing a powerful antibacterial compound

### USES

- Perimeter sealing internal windows and doors
- Sealing of pre-formed panels
- Connection joints floor to wall
- Ideal for food preparation areas and refrigeration units
- Suitable for medical and sterile areas including hospitals and clean rooms

### CHARACTERISTICS AND ADVANTAGES

- Mould resistant
- SteriTouch compound stops black mould and kills germs such as E-Coli, MRSA and Salmonella
- Excellent adhesion to most surfaces
- Anti-bacterial
- High viscosity non slump formula
- Resistant to fumed hydrogen peroxide and formaldehyde

### PRODUCT INFORMATION

CHEMICAL BASE	
Neutral cure silicone	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25% (ISO 9047)	>80% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
30-45 minutes	~20-30 (ISO 868)
APPROVALS/STANDARDS	
FDA approved ISO 11600 F 25 LM EN 15651-1 F EXT-INT CC 25 LM EN 15651-3 S XS1 Bacterial Resistance by ISO 22196	

### COLOUR



WHITE

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out



**Project: Royal London Hospital**

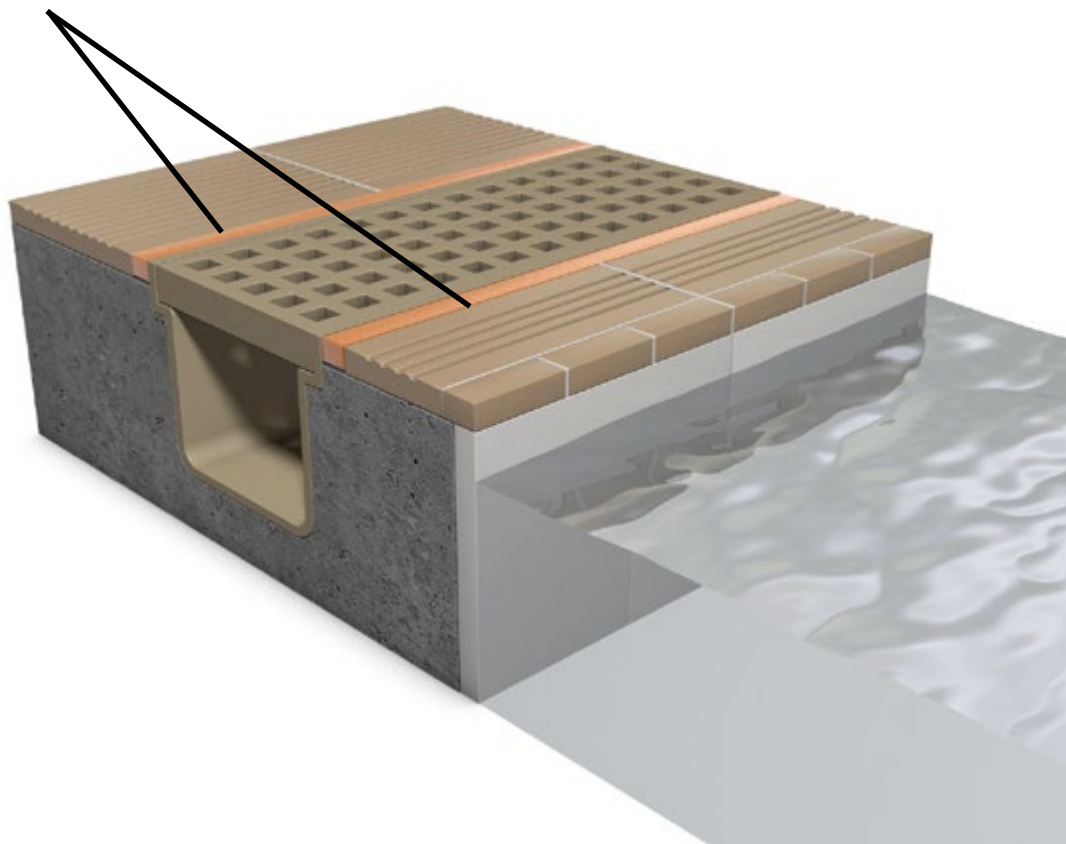
**Products used: Sika Everbuild 565 Clean Room Silicone**

# SWIMMING POOLS

## CHLORINE RESISTANT SILICONES

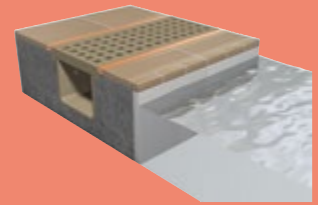
For joints around swimming pools, wet rooms and shower areas, we can offer a range of high chlorine resistant one-part silicones and two-part epoxies for all your leisure industry

JOINT SEALANT





# THE PRODUCTS



## Sikasil® Pool

One part, chlorine resistant, flexible and elastic silicone sealant for use around swimming pools and wet areas

### USES

- Joints around swimming pools, shower rooms, sports halls and leisure facilities
- Wet areas between ceramic tiles, concrete, glass, metals
- Areas under permanent water immersion

### CHARACTERISTICS AND ADVANTAGES

- High water and chlorine resistance
- High resistance to fungal attack
- Non corrosive
- High elasticity and flexibility

### PRODUCT INFORMATION

CHEMICAL BASE	
Neutral cure silicone	
MOVEMENT CAPABILITY	ELASTIC RECOVERY
±25 (ISO 9047)	>90% (ISO 7389)
SKINNING TIME	SHORE A HARDNESS
5 minutes	~20 (ISO 868)

### COLOUR



GREY



CLEAR



WHITE

## Sika® Everbuild Tecnic Stayseal 75 Non Pick

Two part, fast mixing epoxy sealant

### USES

- In and around swimming pools
- Areas under permanent water immersion
- Sealing between swimming pool tiles and around drainage areas

### CHARACTERISTICS AND ADVANTAGES

- Resistant to most cleaning chemicals used in most swimming pools including chlorine
- Excellent working time
- Good UV resistance
- Excellent impact wear, chemical and picking resistance

### PRODUCT INFORMATION

CHEMICAL BASE	
Epoxy	
MOVEMENT CAPABILITY	CURE TIME
5% tension / 50% compression	48 hours @ 25°C
POT LIFE	SHORE D HARDNESS
30 minutes at 20°C	~60-70 (ISO 868)

### COLOUR



BRILLIANT WHITE



GREY

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
 Note: When overpainting is required a compatibility test should be carried out



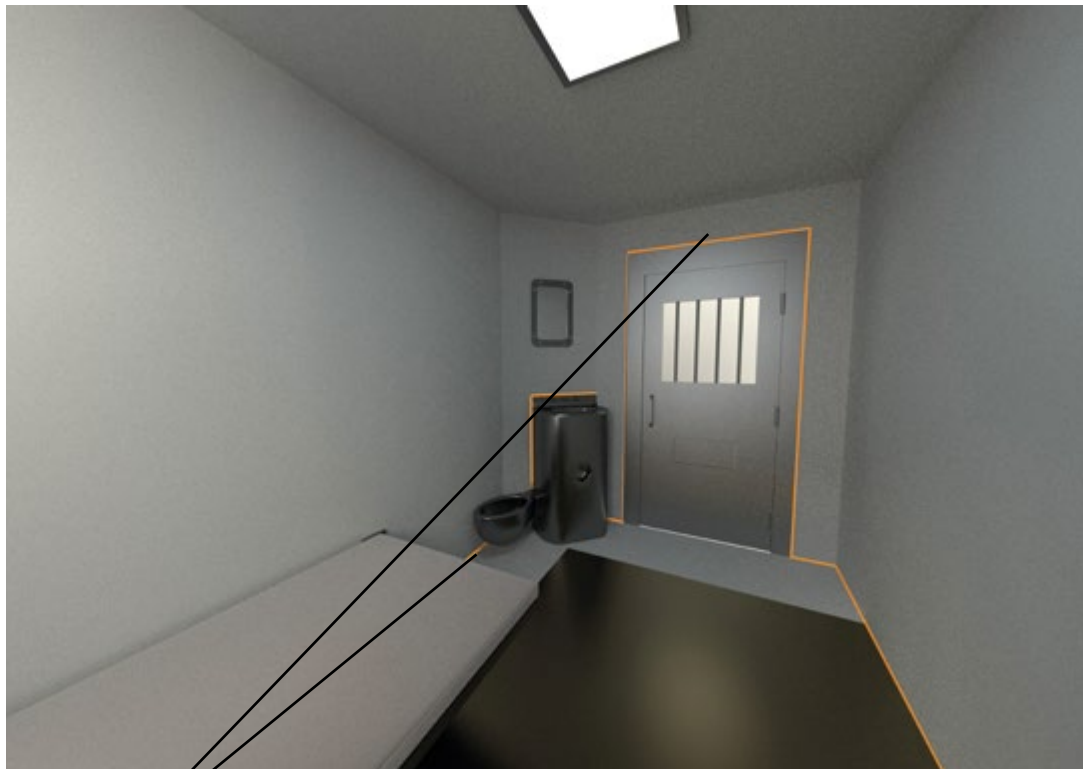
**Project: Commonwealth Pool, Scotland**

**Products used: Sika Everbuild Stayseal 75 Non Pick, Sika Everbuild Puraflex 25, Sika Everbuild Tecnic Silicone 825, Sika Everbuild Tecnic Silicone S50**

# SECURE ENVIRONMENTS

## MINISTRY OF JUSTICE, HOME OFFICE AND NATIONAL OFFENDER PROJECTS

We have worked on many Ministry of Justice, Home Office and National Offender projects across the UK. Therefore, we are able to offer our expertise and knowledge as well as a selection of quality sealants for high risk areas including prisons and lower risk situations such as mental health hospitals.



JOINT SEALANT

# THE PRODUCTS



## Sika® Everbuild Tecnic Stayseal 75 Non Pick

Two part, fully non pick epoxy sealant which cures to form a hard pick resistant seal

### USES

- Secure environment, giving a vandal resistant seal
- Perimeter sealing of cell windows, doors and sanitary ware
- Compression joint in shower rooms
- Areas where long term immersion in water is likely

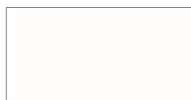
### CHARACTERISTICS AND ADVANTAGES

- Excellent impact, wear, chemical and pick resistance
- Suitable for permanent water immersion
- Good UV resistance

### PRODUCT INFORMATION

CHEMICAL BASE	
Epoxy	
MOVEMENT CAPABILITY	CURE TIME
5% tension / 50% compression	48 hours @ 25°C
POT LIFE	SHORE D HARDNESS
30 minutes at 20°C	~60-70 (ISO 868)

### COLOUR



BRILLIANT WHITE



GREY

## Sika® Everbuild Tecnic Anti Pick 109

One part, hybrid polymer sealant resistant to finger picking

### USES

- Secure environments in areas of supervision / low risk areas
- Perimeter sealing of windows and doors
- Joints in heavy cladding
- Seal around supervised furniture and sanitary areas
- Offers higher pick resistance than general sealants

### CHARACTERISTICS AND ADVANTAGES

- Good impact, wear, chemical and picking resistance
- Resistant to most cleaning chemicals used in most swimming pools including chlorine
- Good UV resistance
- Solvent free
- Overpaintable
- Very good adhesion to most surfaces

### PRODUCT INFORMATION

CHEMICAL BASE	
Silane Terminated Polymer (STP)	
MOVEMENT CAPABILITY	CURE TIME
±12.5% (ISO 9047)	2mm/24 hours @ 23°C
SKINNING TIME	SHORE A HARDNESS
30 minutes	~50 (ISO 868)
APPROVALS/STANDARDS	
EN 15651-1 F EXT-INT CC 12.5 E	

### COLOUR



BRILLIANT WHITE



GREY



SOFT LINEN

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations

\*The paint must be tested for compatibility by carrying out preliminary trials and the best results are obtained if the sealant is allowed to fully cure first. Please note that non flexible paint systems may impair the elasticity of the sealant and lead to cracking of the paint film



**Project: Cygnet Secure Unit, Derby**

**Products used: Sika Everbuild Tecnic Anti Pick 109,  
Sika Everbuild Tecnic Stayseal 75,  
Sika Everbuild Hybriflex 480**

# ELASTIC ADHESIVE BONDING

## WIDE RANGE OF APPLICATIONS WITH ONE PRODUCT

A multipurpose, high strength adhesive with a wide range of applications in construction and building maintenance. The main benefits of adhesive bonding over mechanical fixings are in their speed and economy of use, without sacrificing durability. No need to drill, resulting in no damage or weakening of the substrates.



# THE PRODUCTS



## Sikaflex®-11FC+

One part, elastic joint sealant and multi-purpose adhesive

### USES

- For use as a joint sealant for vertical and horizontal joints.
- Multipurpose adhesive for internal and external applications.

### CHARACTERISTICS AND ADVANTAGES

- Multiple applications with only one product
- Solvent free, odourless and easy to apply
- Non slump
- Very good adhesion to a wide range of common substrates
- Good mechanical and weathering resistance
- Silicone free
- Impact and vibration absorbing

### PRODUCT INFORMATION

CHEMICAL BASE	
i-Cure Technology polyurethane	
ELASTIC RECOVERY	
~75% (ISO 9047)	
SKINNING TIME	SHORE A HARDNESS
70 minutes	~37 (ISO 868)
APPROVALS/STANDARDS	
EN 15651-1 F EXT-INT CC EN 15651-4 PW EXT-INT CC EMICODE, EC1PLUSR Approval for food compatibility (ISEGA)	ASTM C 920, Class 35 LEED Attestation

### COLOUR

			
BLACK	CONCRETE GREY	MEDIUM GREY	WHITE

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations  
Note: When overpainting is required a compatibility test should be carried out

# PRE COMPRESSED EXPANDING FOAM TAPES

## AIR PROOF BUILDING ENVELOPES

A complete product portfolio for window installation and adhesives for window manufacturing, Sika contributes to energy saving buildings. Sika sealants, membranes and expansion tapes seal window frames to achieve air proof building envelopes and protect the insulation from water infiltration and therefore save heating or cooling energy.





# THE PRODUCTS

## Sika® Expansion Tape-600

For sealing, thermal insulation as well as sound insulation

- Water vapour permeable
- To seal against wind, dust, spray water and driving rain
- Ideal for areas where a sealant is not possible

### CHARACTERISTICS AND ADVANTAGES

- Open vapour diffusion
- Permanently elastic
- Protection against driving rain ( $\geq 600$  Pa)
- Overpaintable (test for compatibility)
- Fire resistant to DIN 4102 B1

## Sika® Expansion Tape-100

For thermal insulation between frame and adjacent construction

- To seal against driving rain

### CHARACTERISTICS AND ADVANTAGES

- Open vapour diffusion
- Permanently elastic
- High initial adhesive strength for easy installation on window frames
- Overpaintable (test for compatibility)
- Fire resistant to DIN 4102 B2

GRADE	TAPE WIDTH (FULL EXPANSION)	JOINT DEPTH	JOINT WIDTH		METRES PER ROLL	ROLLS PER BOX	METRES PER BOX
			min	max			
<b>Expansion Tape-100</b>							
10 / 2-3	10mm	10mm	2mm	3mm	12.5	30	375
10 / 3-5	10mm	10mm	3mm	5mm	10	30	300
15 / 4-7	15mm	15mm	4mm	7mm	8	20	160
15 / 5-8	15mm	15mm	5mm	8mm	6.6	20	132
20 / 8-13	20mm	20mm	8mm	13mm	4.3	15	64.5
20 / 10-16	20mm	20mm	10mm	16mm	3.3	15	49.5
<b>Expansion Tape-600</b>							
10 / 1-4	10mm	10mm	1mm	4mm	13	30	390
12 / 2-6	12mm	12mm	2mm	6mm	12	25	300
15 / 4-9	15mm	15mm	4mm	9mm	8	20	160
15 / 5-12	15mm	15mm	5mm	12mm	5.6	20	112
20 / 6-15	20mm	20mm	6mm	15mm	4.3	15	64.5
20 / 9-20	20mm	20mm	9mm	20mm	3.3	15	49.5

Consult with your local Sika sales representative for colour availability. Other colours available to order. Colours shown here may not be true colour shade due to printing / screen limitations

# PRIMERS AND ANCILLARIES

## PREPARATION IS KEY

With any specialist sealant and adhesive application, the preparation of the joint is just as important, if not more so, than the correct application of the sealant itself. We have a range of activators and primers for porous and non-porous substrates, backer rod and applicator guns, making us a one stop shop for all your sealant requirements.



# THE PRODUCTS

## Sika® Primer-3N

Primer suitable for slightly damp or dry, porous, absorbent materials and metals. Brush applied.

Uses: Dry, porous, absorbent materials and metals.



### CHEMICAL BASE/COLOUR

Solvent based reactive epoxy resin / Transparent

### FLASH OFF TIME

Min. 30 minutes / Max. 8 hours

## Sika Everbuild Tecnic Sealant Primer P1

Primer suitable for use on porous surfaces prior to applying all common types of silicone, polyurethane and hybrid sealants. Brush applied

Uses: Brick, stone, concrete, blockwork, floor screeds, render



### CHEMICAL BASE/COLOUR

Solvent based polyorganosiloxane / Transparent

### FLASH OFF TIME

Approximately 30 minutes

## Sika Everbuild Tecnic Primer NP2

Primer suitable for non porous surfaces prior to applying all common types of silicone, polyurethane and hybrid sealants. Brush applied

Uses: Glass, PVCu, aluminium, steel, ceramics.



### CHEMICAL BASE/COLOUR

Solvent based polyorganosiloxane / Transparent

### FLASH OFF TIME

Approximately 30 minutes

## Sika® Aktivator-205

A bond activating pre-treatment suitable for non porous surfaces prior to applying all common types of silicone, polyurethane and hybrid sealants. Apply with clean lint free paper towel.

Uses: Metals, plastics, glazed ceramics and painted surfaces.



### CHEMICAL BASE/COLOUR

Solvent based adhesive promotor / Transparent

### FLASH OFF TIME

Approximately 10 minutes

## Sika Everbuild Tecnic Joint Backer Rod

A non absorbent, compressible grey closed cell polyethylene (P.E) foam backstop material.

Uses: For reducing the depth of joints in construction / glazing  
Creating a backstop to allow proper sealant tooling.



### BACKER ROD SIZES

10mm Diameter x 1150 Mtr

13mm Diameter x 750 Mtr

15mm Diameter x 550 Mtr

20mm Diameter x 350 Mtr

25mm Diameter x 200 Mtr

30mm Diameter x 160 Mtr

# SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



WATERPROOFING



JOINT SEALING



FAÇADE STRUCTURAL ADHESIVES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST

## FOR MORE INFORMATION ON SPECIFER SEALANTS:



### 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 have 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 100 countries around the world and manufactures in over 200 factories. With more than 18,000 employees Sika generates annual sales of CHF 6.25 billion (£4.76bn). 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 and Dublin with more than 865 employees and a turnover of more than £240 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](http://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.



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BUILDING TRUST

