

TECHNICAL SHEET

SIKA ADHESIVE SEALANT

Sikaflex®-11 FC Purform® is a single-component, moisture-curing elastic adhesive and sealant. For use indoors and outdoors, for multipurpose bonding and joint sealing. It has good and durable adhesion to most construction materials.

APPLICATION:

- adhesive for bonding building elements and materials such as concrete, masonry, stone, ceramics, wood, metal, glass
- as a sealant to seal vertical and horizontal joints

PROPERTIES:

- total permissible deformation $\pm 25\%$
- easy to apply and non-drip
- good grip to most construction materials
- good mechanical properties and weathering resistance
- very low monomer content
- no training is required for safe use of materials containing diisocyanates (REACH)
- adhesive-sealant with CE mark

Technical parameter	
Composition	polyurethane containing monomeric diisocyanate
Hardness according to Shore	~ 33 (after 28 days)
Tensile strength	$\sim 1,8 \text{ N/mm}^2$
Total permissible deformation	$\pm 25\%$
Shear strength	$\sim 1,0 \text{ MPa}$
Heat resistance	-40°C to $+80^\circ\text{C}$ max.
Ambient air temperature	$+5^\circ\text{C}$ to $+40^\circ\text{C}$ max.
Substrate temperature	$+5^\circ\text{C}$ up to $+40^\circ\text{C}$ max., min. 3°C above due-point temperature
Hardening rate	$\sim 4,0 \text{ mm/24 hours}$ ($23^\circ\text{C}/50\%$ r.v.v.)
Time of skin creation	$\sim 50 \text{ min.}$ ($23^\circ\text{C}/50\%$ r.v.v.)
Storability	15 months in a dry place, at a temperature of $+5^\circ\text{C}$ to $+25^\circ\text{C}$
Cartridge volume	300 ml
Weight	0,429 kg/pcs

SCH-SIKAFLEX 11FC



TM Testa di Moro

INDEX	CHANGE	DATE	SIGNATURE	KJG
				QUALITY ®
MATERIAL BRAND		W.C.	WEIGHT kg	SCALE
SIZE, SEMI-FINISHED PRODUCTS				
AUXILIARY EQUIPMENT			STN STANDARD	SORTING NUMBER
ELABORATED BY Ing. Kluska M.			NOTE	POSITION NUMBER
TESTED BY				
TECHNOLOGIST		TECHNOLOGIST	OLD DRAWING	DRAWING NUMBER
NAME		Sika adhesive sealant		SCH-SIKAFLEX 11FC
				Number of sheets

Created: 19.01.2026 08:00:36

Technical changes reserved

TECHNICAL SHEET

SIKA ADHESIVE SEALANT

Sikaflex®-11 FC Purform® is a single-component, moisture-curing elastic adhesive and sealant. For use indoors and outdoors, for multipurpose bonding and joint sealing. It has good and durable adhesion to most construction materials.

APPLICATION:

- adhesive for bonding building elements and materials such as concrete, masonry, stone, ceramics, wood, metal, glass
- as a sealant to seal vertical and horizontal joints

PROPERTIES:

- total permissible deformation $\pm 25\%$
- easy to apply and non-drip
- good grip to most construction materials
- good mechanical properties and weathering resistance
- very low monomer content
- no training is required for safe use of materials containing diisocyanates (REACH)
- adhesive-sealant with CE mark

Technical parameter	
Composition	polyurethane containing monomeric diisocyanate
Hardness according to Shore	~ 33 (after 28 days)
Tensile strength	$\sim 1,8 \text{ N/mm}^2$
Total permissible deformation	$\pm 25\%$
Shear strength	$\sim 1,0 \text{ MPa}$
Heat resistance	-40°C to $+80^\circ\text{C}$ max.
Ambient air temperature	$+5^\circ\text{C}$ to $+40^\circ\text{C}$ max.
Substrate temperature	$+5^\circ\text{C}$ up to $+40^\circ\text{C}$ max., min. 3°C above due-point temperature
Hardening rate	$\sim 4,0 \text{ mm/24 hours}$ ($23^\circ\text{C}/50\%$ r.v.v.)
Time of skin creation	$\sim 50 \text{ min.}$ ($23^\circ\text{C}/50\%$ r.v.v.)
Storability	15 months in a dry place, at a temperature of $+5^\circ\text{C}$ to $+25^\circ\text{C}$
Cartridge volume	300 ml
Weight	0,429 kg/pcs

SCH-SIKAFLEX 11FC



IC Intense black

INDEX	CHANGE	DATE	SIGNATURE	KJG
MATERIAL BRAND		W.C.	WEIGHT kg	SCALE
SIZE, SEMI-FINISHED PRODUCTS		STN STANDARD		SORTING NUMBER
AUXILIARY EQUIPMENT		NOTE		POSITION NUMBER
ELABORATED BY	Ing. Kluska M.	TECHNOLOGIST	OLD DRAWING	DRAWING NUMBER
TESTED BY				
TECHNOLOGIST	TECHNOLOGIST			
NAME	Sika adhesive sealant		SCH-SIKAFLEX 11FC	
			Number of sheets	Sheet

Created: 19.01.2026 08:00:36

Technical changes reserved

TECHNICAL SHEET

SIKA ADHESIVE SEALANT

Sikaflex®-11 FC Purform® is a single-component, moisture-curing elastic adhesive and sealant. For use indoors and outdoors, for multipurpose bonding and joint sealing. It has good and durable adhesion to most construction materials.

APPLICATION:

- adhesive for bonding building elements and materials such as concrete, masonry, stone, ceramics, wood, metal, glass
- as a sealant to seal vertical and horizontal joints

PROPERTIES:

- total permissible deformation $\pm 25\%$
- easy to apply and non-drip
- good grip to most construction materials
- good mechanical properties and weathering resistance
- very low monomer content
- no training is required for safe use of materials containing diisocyanates (REACH)
- adhesive-sealant with CE mark



OC Steel red

INDEX	CHANGE	DATE	SIGNATURE	KJG	
				QUALITY ®	
MATERIAL BRAND		W.C.	WEIGHT kg	SCALE	
SIZE, SEMI-FINISHED PRODUCTS				SORTING NUMBER	
AUXILIARY EQUIPMENT			STN STANDARD	POSITION NUMBER	
ELABORATED BY Ing. Kluska M.			NOTE	POSITION NUMBER	
TESTED BY				DRAWING NUMBER	
TECHNOLOGIST		TECHNOLOGIST	OLD DRAWING	DRAWING NUMBER	
NAME		Sika adhesive sealant		SCH-SIKAFLEX 11FC	
				Number of sheets	Sheet

Created: 19.01.2026 08:00:36

Technical changes reserved

TECHNICAL SHEET

SIKA ADHESIVE SEALANT

Sikaflex®-11 FC Purform® is a single-component, moisture-curing elastic adhesive and sealant. For use indoors and outdoors, for multipurpose bonding and joint sealing. It has good and durable adhesion to most construction materials.

APPLICATION:

- adhesive for bonding building elements and materials such as concrete, masonry, stone, ceramics, wood, metal, glass
- as a sealant to seal vertical and horizontal joints

PROPERTIES:

- total permissible deformation $\pm 25\%$
- easy to apply and non-drip
- good grip to most construction materials
- good mechanical properties and weathering resistance
- very low monomer content
- no training is required for safe use of materials containing diisocyanates (REACH)
- adhesive-sealant with CE mark

Technical parameter	
Composition	polyurethane containing monomeric diisocyanate
Hardness according to Shore	~ 33 (after 28 days)
Tensile strength	$\sim 1,8 \text{ N/mm}^2$
Total permissible deformation	$\pm 25\%$
Shear strength	$\sim 1,0 \text{ MPa}$
Heat resistance	-40°C to $+80^\circ\text{C}$ max.
Ambient air temperature	$+5^\circ\text{C}$ to $+40^\circ\text{C}$ max.
Substrate temperature	$+5^\circ\text{C}$ up to $+40^\circ\text{C}$ max., min. 3°C above due-point temperature
Hardening rate	$\sim 4,0 \text{ mm/24 hours}$ ($23^\circ\text{C}/50\%$ r.v.v.)
Time of skin creation	$\sim 50 \text{ min.}$ ($23^\circ\text{C}/50\%$ r.v.v.)
Storability	15 months in a dry place, at a temperature of $+5^\circ\text{C}$ to $+25^\circ\text{C}$
Cartridge volume	300 ml
Weight	0,429 kg/pcs

SCH-SIKAFLEX 11FC



PS Dusty grey

INDEX	CHANGE	DATE	SIGNATURE	KJG
MATERIAL BRAND		W.C.	WEIGHT kg	SCALE
SIZE, SEMI-FINISHED PRODUCTS		STN STANDARD		
AUXILIARY EQUIPMENT		SORTING NUMBER		
ELABORATED BY Ing. Kluska M.		NOTE		
TESTED BY		POSITION NUMBER		
TECHNOLOGIST		TECHNOLOGIST	OLD DRAWING	DRAWING NUMBER
NAME		SCH-SIKAFLEX 11FC		
Sika adhesive sealant		Number of sheets	Sheet A	

Created: 19.01.2026 08:00:36

Technical changes reserved

TECHNICAL SHEET

SIKA ADHESIVE SEALANT

Sikaflex®-11 FC Purform® is a single-component, moisture-curing elastic adhesive and sealant. For use indoors and outdoors, for multipurpose bonding and joint sealing. It has good and durable adhesion to most construction materials.

APPLICATION:

- adhesive for bonding building elements and materials such as concrete, masonry, stone, ceramics, wood, metal, glass
- as a sealant to seal vertical and horizontal joints

PROPERTIES:

- total permissible deformation $\pm 25\%$
- easy to apply and non-drip
- good grip to most construction materials
- good mechanical properties and weathering resistance
- very low monomer content
- no training is required for safe use of materials containing diisocyanates (REACH)
- adhesive-sealant with CE mark

**B** White

INDEX	CHANGE	DATE	SIGNATURE	KJG	
				QUALITY ®	
MATERIAL BRAND		W.C.	WEIGHT kg	SCALE	
SIZE, SEMI-FINISHED PRODUCTS				SORTING NUMBER	
AUXILIARY EQUIPMENT			STN STANDARD	POSITION NUMBER	
ELABORATED BY Ing. Kluska M.			NOTE		
TESTED BY				POSITION NUMBER	
TECHNOLOGIST		TECHNOLOGIST	OLD DRAWING	DRAWING NUMBER	
NAME		Sika adhesive sealant		SCH-SIKAFLEX 11FC	
				Number of sheets	Sheet

Created: 19.01.2026 08:00:36

Technical changes reserved