

## SikaProof<sup>®</sup> A

Fully bonded FPO sheet membrane waterproofing system for basement and other below ground structures

Product Description	SikaProof <sup>®</sup> A is a fully and permanently bonded, self-adhesive, composite sheet membrane waterproofing system for reinforced concrete structures. It consists of an embossed polyolefin (FPO) based membrane laminated with a sealant grid and a non-woven fleece. SikaProof <sup>®</sup> A is cold-applied and pre-applied, as it is installed without heat or open-flames, and before the steel reinforcement is fixed and the concrete is poured.
Uses	<ul> <li>Damp-proofing, concrete protection and waterproofing for basements and other below ground concrete structures against ground water ingress. Suitable for use on:</li> <li>below ground reinforced concrete slabs</li> <li>below ground reinforced concrete walls with both single and double -faced formwork</li> <li>extensions and reconstruction works</li> <li>prefabricated structures</li> </ul>
Characteristics / Advantages	<ul> <li>Cold-applied (no pre-heating or open flames) and pre-applied, before the reinforcement is fixed and the concrete is poured</li> <li>Fully and permanently bonded to the reinforced concrete structure</li> <li>No lateral water underflow or migration between the concrete structure and the membrane system</li> <li>High watertightness tested according to many standards</li> <li>Easy to install with fully adhered joints (no welding required)</li> <li>Temporarily resistant to weathering and UV-light during construction</li> <li>Weathering resistant with temporary UV-stability</li> <li>Resistant to aging</li> <li>High flexibility and crack-bridging abilities</li> <li>Resistant to aggressive mediums in natural ground water and soil</li> <li>Can be combined with other approved Sika waterproofing systems including:</li> <li>Sikaplan<sup>®</sup> WT membranes, FPO-based sheet waterproofing membranes</li> <li>Sikadur-Combiflex SG system, FPO-based joint sealing system</li> </ul>



Tests	
Approval / Standards	Product Declaration EN 13967 – Flexible sheets for waterproofing.(type A&T) CE Certificate No. 1349-CPD-065, 16.08.2011
	German abP "allgemeines bauaufsichtliches Pr üfzeugnis", MPA NRW, approval No. P-22-MPANRW-8600, 26.05.2011
	Function test, Wissbau, test report No. 2010-212 (SikaProof A-08), 03.05.2011
	Function test, Wissbau, test report No. 2010-212-6 (Penetrations),
	Function test, Wissbau, test report No. 2012-212-7 (Pile head), …
	ASTM D 5385 mod., Sika Technology AG, Internal Test Lab, test report No. 1112035, 23.11.2011
	Radon permeability, Slovak Medical University, for SikaProof A-12, test report No. E-215/2011, 15.11.2011
	Radon permeability, Slovak Medical University, for SikaProof A-08, test report No. E-214/2011, 07.12.2011
	BBA technical approval for construction, Certificate No. 13/5075, 16.12.2013
	Cahier des Charges, French technical approval CCT 57, 28.02.2013
	BRANZ appraisal, New Zealand, No. 852 (2014), 05.02.2014
	ASTM Test reports No. 1240-13 A to C, 05.02.2014

## **Product Data**

Form					
Appearance / Colors	Light yellow sheet membrane, laminated with a fleece layer				
Packaging	SikaProof <sup>®</sup> A rolls are wrapped individually in a yellow PE-foil				
		Total	Thickness	Roll width	Roll length
	SikaProof <sup>®</sup> A-05	1.	00 mm	1 m and 2 m	30 m
	SikaProof <sup>®</sup> A-08	1.:	25 mm	1 m and 2 m	25 m
	SikaProof <sup>®</sup> A-12	1.0	60 mm	1 m and 2 m	20 m
Storage					
Storage Conditions / Shelf life	stored properly in position, in dry co be protected from	unopened, unopened, unditions and direct sunlig	undamaged, at temperati jht, rain, sno	life of 18 months from da original packaging, in a h ures between +5°C and + w and ice, etc. Do not sta of any other materials du	norizontal -30°C. They must ack pallets of the
Technical Data					
Chemical Base	Membrane Layer	:	Flexible Po	lyolefin (FPO)	
	Sealant grid:		Polyolefin (	PO)	
	Fleece layer:		Polypropyle	ene (PP)	
Product Declaration	EN 13967, manda	atory for Euro	opean counti	ies	
Visible Defects	Pass				EN 1850-2
Straightness	≤ 50 mm / 10 m				EN 1848-2
Mass per Unit Area	SikaProof <sup>®</sup> A-05	0.85 kg/m <sup>2</sup>		(-5 /+10%)	EN 1849-2
	SikaProof <sup>®</sup> A-08	1.15 kg/m <sup>2</sup>		(-5 /+10%)	
	SikaProof <sup>®</sup> A-12	1.50 kg/m <sup>2</sup>		(-5 /+10%)	

Thickness		Total	Membrane	Deviation	EN 1849-2
		Thickness (=deff)	Thickness		
	SikaProof <sup>®</sup> A-05	(_den) 1.10 mm	0.50 mm	(-5 /+10%)	
	SikaProof <sup>®</sup> A-08	1.25 mm	0.80 mm	(-5 /+10%)	
	SikaProof <sup>®</sup> A-12	1.60 mm	1.20 mm	(-5 /+10%)	
Watertightness to	Pass	1.00 mm	1.20 mm		3 B (24 h/60 kPa)
Liquid Water	1 435				D (241/00 Ki u)
Resistance to Impact	SikaProof <sup>®</sup> A-05	≥ 150 r	nm		EN 12691
	SikaProof <sup>®</sup> A-08	≥ 250 r	mm		
	SikaProof <sup>®</sup> A-12	≥ 350 r	nm		
Durability of Watertightness against Ageing	Pass				1296 (12 weeks) B (24h / 60 kPa)
Durability of Watertightness against Chemicals	Pass				47 (28 d/+23 °C) B (24h / 60 kPa)
Accelerated Ageing in an Alkaline Environment, Tensile Strength	Pass				47 (28 d/+23 °C) 3 B (24 h/60 kPa)
Resistance to Tear -Nail Shank	SikaProof <sup>®</sup> A-05	≥ 375	N		EN 12310-1
(Machine Direction)	SikaProof <sup>®</sup> A-08	≥ 400	N		
	SikaProof <sup>®</sup> A-12	≥ 550	N		
Resistance to Tear Nail Shank	SikaProof <sup>®</sup> A-05	≥ 400	N		EN 12310-1
(Cross Direction)	SikaProof <sup>®</sup> A-08	≥ 450	N		
	SikaProof <sup>®</sup> A-12	≥ 600	N		
Joint Strength	SikaProof <sup>®</sup> A-05	≥ 125 №	N / 50 mm		EN 12317-2
	SikaProof <sup>®</sup> A-08	≥ 200 №	N / 50 mm		
	SikaProof <sup>®</sup> A-12	≥ 300 ľ	N / 50 mm		
Tensile Strength (Machine Direction)	SikaProof <sup>®</sup> A-05	≥ 400 №	N / 50 mm		EN 12311-1
	SikaProof <sup>®</sup> A-08	≥ 450 №	N / 50 mm		
	SikaProof <sup>®</sup> A-12	≥ 700 №	N / 50 mm		
Tensile Strength (Cross Direction)	SikaProof <sup>®</sup> A-05	≥ 300 ľ	N / 50 mm		EN 12311-1
	SikaProof <sup>®</sup> A-08	≥ 450 №	N / 50 mm		
	SikaProof <sup>®</sup> A-12	≥ 700 №	N / 50 mm		
Elongation (Cross Direction)	SikaProof <sup>®</sup> A-05	≥ 900 %	%		EN 12311-1
	SikaProof <sup>®</sup> A-08	≥ 1000	%		
	SikaProof <sup>®</sup> A-12	≥ 1150	%		

Water Vapour	SikaProof <sup>®</sup> A-05	0.63 g/m <sup>2</sup> x 24 h	(- /+20%)	EN 1931 (+23°C/75% r.h.)
Transmission		m = 57'500		
		Sd = 63 m		
	SikaProof <sup>®</sup> A-08	0.51 g/m² x 24 h	(- /+20%)	
		m <b>= 58'000</b>		
		Sd = 78 m		
	SikaProof <sup>®</sup> A-12	0.35 g/m² x 24 h	(- /+20%)	
		m = 67'000		
		Sd = 114 m		
Resistance to Static Load	≥ 20 kg			EN 12730 (Method B, 24 h/20 kg)
Reaction to Fire	Class E			EN ISO 11925-2

## Additional Data (not CE relevant)

Accessory	SikaProof <sup>®</sup> Patch-200 is an ancillary product for the SikaProof <sup>®</sup> A sheet membrane waterproofing system.		
Radon Permeability	SikaProof <sup>®</sup> A-08	Pass up to 7.0 bar	Certificate E-214/2011
	SikaProof <sup>®</sup> A-12	Pass up to 7.0 bar	Certificate E-215/2011
Waterresistance to	SikaProof <sup>®</sup> A-08	≥7.0 bar	
lateral water underflow of membrane system	SikaProof <sup>®</sup> A-12	≥ 7.0 bar	
Radon Gas	SikaProof <sup>®</sup> A-08	(2.0 +/- 0.3) x 10 <sup>-12</sup> m <sup>2</sup> /s	
Diffusion Coefficient	SikaProof <sup>®</sup> A-12	(5.3 +/- 0.7) x 10 <sup>-12</sup> m <sup>2</sup> /s	
	SikaProof <sup>®</sup> A-08 joints	(6.1+/-1.1)x10 <sup>-12</sup> m <sup>2</sup> /s	Certificate E-225/2012
Methane Gas Permeability	SikaProof <sup>®</sup> A-08	140 ml / m <sup>2</sup> x d	ISO 7229
	SikaProof <sup>®</sup> A-08 joints	180 ml / m <sup>2</sup> x d (-/+10%)	
Root Resistance	SikaProof <sup>®</sup> A-08 joints	Pass	CEN/TS 14416

## ASTM Data

All ASTM Data,

Nelson Testing Lab Report

Hydrostatic Pressure	SikaProof <sup>®</sup> A-05	Pass	ASTM D 5385
	SikaProof <sup>®</sup> A-08	Pass	(100 psi))
	SikaProof <sup>®</sup> A-12	Pass	
Low Temperature	SikaProof <sup>®</sup> A-05	Pass	ASTM D 1970
Flexibility	SikaProof <sup>®</sup> A-08	Pass	(-20 °F)
	SikaProof <sup>®</sup> A-12	Pass	
Crack Cycling	SikaProof <sup>®</sup> A-05	Pass	ASTM C 836
	SikaProof <sup>®</sup> A-08	Pass	(-15°F, 10 cycles)
	SikaProof <sup>®</sup> A-12	Pass	
Tensile Strength	SikaProof <sup>®</sup> A-05	≥ 1'125 psi	ASTM D 412
	SikaProof <sup>®</sup> A-08	≥ 1'125 psi	
	SikaProof <sup>®</sup> A-12	≥ 1'255 psi	
Elongation	SikaProof <sup>®</sup> A-05	≥ 650 %	ASTM D 412
	SikaProof <sup>®</sup> A-08	≥ 685 %	
	SikaProof <sup>®</sup> A-12	≥ 725%	

Puncture Resistance	SikaProof <sup>®</sup> A-05	≥ 125 lbs		ASTM E 154
	SikaProof <sup>®</sup> A-08	≥ 140 lbs		
	SikaProof <sup>®</sup> A-12	≥ 180 lbs		
Peel Adhesion to	SikaProof <sup>®</sup> A-05	≥ 42 lbs/in		ASTM D 903
Concrete	SikaProof <sup>®</sup> A-08	≥ 48 lbs/in		
	SikaProof <sup>®</sup> A-12	≥ 50 lbs/in		
Lap peel adhesion	SikaProof <sup>®</sup> A-05	≥ 40 lbs/in		ASTM D 1876
	SikaProof <sup>®</sup> A-08	≥ 40 lbs/in		
	SikaProof <sup>®</sup> A-12	≥ 40 lbs/in		
Water Vapor	SikaProof <sup>®</sup> A-05	≥ 0.40 perms	(- /+20%)	ASTM E 9
Transmission	SikaProof <sup>®</sup> A-08	≥ 0.35 perms		
	SikaProof <sup>®</sup> A-12	≥ 0.25 perms		
Water Absorption	SikaProof <sup>®</sup> A-05	≥ 2.2 %	(- /+20%)	ASTM D 570
-	SikaProof <sup>®</sup> A-08	≥ 2.2 %		
	SikaProof <sup>®</sup> A-12	≥ 1.2 %		
Substrate quality	The contact surface membrane. It must b adhesion.	0,		ne SikaProof <sup>®</sup> A that could impair the
System				
	■ SikaProof <sup>®</sup> A-05, ı	membrane in rolls o	of widths 1.0 and 2.	0 m
	■ SikaProof <sup>®</sup> A-05, 1 ■ SikaProof <sup>®</sup> A-08,			
Information System Components		membrane in rolls o	of widths 1.0 and 2.	.0 m
Information System Components	<ul> <li>■ SikaProof<sup>®</sup> A-08,</li> <li>■ SikaProof<sup>®</sup> A-12, </li> </ul>	membrane in rolls o membrane in rolls o 150, self-adhesive	of widths 1.0 and 2. of widths 1.0 and 2.	.0 m
	<ul> <li>SikaProof<sup>®</sup> A-08,</li> <li>SikaProof<sup>®</sup> A-12, </li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> </ul>	membrane in rolls o nembrane in rolls o 150, self-adhesive f mm e-150, self-adhesiv	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir	0 m 0 m
	<ul> <li>SikaProof<sup>®</sup> A-08, I</li> <li>SikaProof<sup>®</sup> A-12, I</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 /</li> </ul>	membrane in rolls o nembrane in rolls o 150, self-adhesive mm e-150, self-adhesiv mm	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir ve tape for external ed sheet in an L-sh	0 m 0 m nting, based on butyl- jointing, based on butyl-
System Components	<ul> <li>SikaProof<sup>®</sup> A-08, 1</li> <li>SikaProof<sup>®</sup> A-12, 1</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patch-</li> </ul>	membrane in rolls o nembrane in rolls o 150, self-adhesive r mm e-150, self-adhesiv mm -12 Edge, preform tem edges, corners	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir ve tape for external ed sheet in an L-sh s and connections embrane patching ta	0 m 0 m nting, based on butyl- jointing, based on butyl-
System Components	<ul> <li>SikaProof<sup>®</sup> A-08, 1</li> <li>SikaProof<sup>®</sup> A-12, 1</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patch-</li> </ul>	membrane in rolls on membrane in rolls of 150, self-adhesive mm e-150, self-adhesive mm -12 Edge, preform tem edges, corners 200 B, external me ations, supplied in	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir ve tape for external ed sheet in an L-sh s and connections embrane patching ta 200 mm width	0 m 0 m hting, based on butyl- jointing, based on butyl- ape, to form the ape for sealing any local
System Components	<ul> <li>SikaProof<sup>®</sup> A-08, I</li> <li>SikaProof<sup>®</sup> A-12, I</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patchdamage or penetr</li> <li>SikaProof<sup>®</sup> MetalS</li> </ul>	membrane in rolls of membrane in rolls of 150, self-adhesive mm e-150, self-adhesive mm -12 Edge, preform tem edges, corners 200 B, external me ations, supplied in Sheet, to create spe pe-50, for fixing and	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir we tape for external ed sheet in an L-sh s and connections embrane patching ta 200 mm width ecial details, such a	0 m 0 m hting, based on butyl- jointing, based on butyl- ape, to form the ape for sealing any local
System Components Accessories	<ul> <li>SikaProof<sup>®</sup> A-08, 1</li> <li>SikaProof<sup>®</sup> A-12, 1</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patchdamage or penetr</li> <li>SikaProof<sup>®</sup> MetalS</li> <li>SikaProof<sup>®</sup> FixTap</li> </ul>	membrane in rolls of membrane in rolls of 150, self-adhesive mm e-150, self-adhesive mm -12 Edge, preform tem edges, corners 200 B, external me ations, supplied in Sheet, to create spe pe-50, for fixing and	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir we tape for external ed sheet in an L-sh s and connections embrane patching ta 200 mm width ecial details, such a	0 m 0 m nting, based on butyl- jointing, based on butyl- ape, to form the ape for sealing any local as pile heads
System Components Accessories Application Details	<ul> <li>SikaProof<sup>®</sup> A-08, 1</li> <li>SikaProof<sup>®</sup> A-12, 1</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patchdamage or penetr</li> <li>SikaProof<sup>®</sup> Metals</li> <li>SikaProof<sup>®</sup> FixTapred</li> </ul>	membrane in rolls of membrane in rolls of 150, self-adhesive mm -12 Edge, preform tem edges, corners 200 B, external me ations, supplied in Sheet, to create spe be-50, for fixing and enetrations	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir ve tape for external ed sheet in an L-sh s and connections embrane patching ta 200 mm width ecial details, such a d repairing around o	0 m 0 m nting, based on butyl- jointing, based on butyl- ape, to form the ape for sealing any local as pile heads
System Components Accessories Application Details	<ul> <li>SikaProof<sup>®</sup> A-08, I</li> <li>SikaProof<sup>®</sup> A-12, I</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patchdamage or penetr</li> <li>SikaProof<sup>®</sup> MetalS</li> <li>SikaProof<sup>®</sup> A membroor</li> </ul>	membrane in rolls of membrane in rolls of 150, self-adhesive mm e-150, self-adhesive mm -12 Edge, preform tem edges, corners 200 B, external me ations, supplied in Sheet, to create spe be-50, for fixing and enetrations rane must be applie e construction work and clean substrate and voids (> 12-13 rane system. The s	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir we tape for external ed sheet in an L-sh s and connections embrane patching ta 200 mm width ecial details, such a d repairing around c ed on a sufficiently s surface is essential 5 mm) be closed be	0 m 0 m nting, based on butyl- jointing, based on butyl- ape, to form the ape for sealing any local as pile heads details, e.g. around pile
System Components	<ul> <li>SikaProof<sup>®</sup> A-08, I</li> <li>SikaProof<sup>®</sup> A-12, I</li> <li>SikaProof<sup>®</sup> Taperubber, width 150</li> <li>SikaProof<sup>®</sup> ExTaprubber, width 150</li> <li>SikaProof<sup>®</sup> A-08 / waterproofing sys</li> <li>SikaProof<sup>®</sup> Patchdamage or penetr</li> <li>SikaProof<sup>®</sup> Patchdamage or penetr</li> <li>SikaProof<sup>®</sup> MetalS</li> <li>SikaProof<sup>®</sup> FixTapheads/caps and p</li> <li>SikaProof<sup>®</sup> A membrovement during the A smooth, uniform a damage. Large gaps SikaProof<sup>®</sup> A membronding water must</li> <li>Suitable substrates the Concrete bit Formwork</li> </ul>	membrane in rolls of membrane in rolls of 150, self-adhesive f mm e-150, self-adhesive mm -12 Edge, preform tem edges, corners 200 B, external me ations, supplied in Sheet, to create spe pe-50, for fixing and enetrations fane must be applie e construction work ind clean substrate and voids (> 12-11 ane system. The s be avoided. o fix the SikaProof	of widths 1.0 and 2. of widths 1.0 and 2. tape for internal joir we tape for external ed sheet in an L-sh s and connections embrane patching ta 200 mm width ecial details, such a d repairing around of ed on a sufficiently s s. surface is essential 5 mm) be closed be ubstrate can be dar	0 m 0 m nting, based on butyl- jointing, based on butyl- ape, to form the ape for sealing any local as pile heads details, e.g. around pile stable substrate to avoid I to prevent membrane efore installation of the mp or slightly wet, but

Application Conditions /				
Bonding Surface Temperature	+5°C min. / + 35°C			
Bonding Surface Moisture	Dry, respect the dew point			
Ambient Air Temperature	+5°C min. / + 35 °C			
Application Instructions				
Application Method	SikaProof <sup>®</sup> A is a cold-applied and pre-applied sheet membrane waterproofing system, installed before the reinforcement is fixed and the concrete is poured.			
	The joints of SikaProof <sup>®</sup> A membranes are not welded, they are fully adhered by self- adhesive strips on the membrane sheet or with SikaProof <sup>®</sup> adhesive tapes			
	Installation procedure:			
	1. Ensure the substrate is correctly constructed and prepared, see Section 5.1.			
	<ol> <li>Install the pre-formed SikaProof<sup>®</sup> A Edge sheet for the perimeters and terminations / connections.</li> </ol>			
	<ol> <li>Form the corners with the same pre-fabricated Edge sheet and adhere them externally with SikaProof<sup>®</sup> ExTape-150 and internally with SikaProof<sup>®</sup> Tape-150.</li> </ol>			
	4. Lay the SikaProof <sup>®</sup> A membranes on the horizontal and vertical surfaces using the 1.0 or 2.0 m width rolls (as appropriate) and adhere the overlap joints with the self- adhesive strips lengthways and for cross joints using the SikaProof <sup>®</sup> Tape- 150 inside and SikaProof <sup>®</sup> ExTape-150 outside.			
	<ol> <li>Form standard details, such as pipe penetrations, shaft connections, pits, pile heads, expansion joints and shuttering anchors use the appropriate accessory products.</li> </ol>			
	<ol> <li>Finally, check all the overlap joints, connections and details, to ensure they are correctly and fully adhered using the SikaProof<sup>®</sup> Tape-150 and SikaProof<sup>®</sup> ExTape-150.</li> </ol>			
	<ol> <li>After the SikaProof<sup>®</sup> membrane system is applied the reinforcement will be fixed and the concrete will be poured.</li> </ol>			
	<ol> <li>After removing the formwork penetrations, such as shuttering anchors, any membrane damage and any construction joints can be sealed on the external side (on the membrane) with the SikaProof<sup>®</sup> Patch-200 or by Sikadur<sup>®</sup> Combiflex SG system.</li> </ol>			
	For further more detailed information about the installation procedure, please refer to the SikaProof <sup>®</sup> A Method Statement or Application Manual.			

Installation Instructions	
Installation Method	SikaProof <sup>®</sup> A is a pre-applied waterproofing sheet, installed before the reinforce- ment is fixed and the structural concrete is poured.
	The overlap joints of SikaProof <sup>®</sup> A membranes are not welded, they are sealed and fully bonded by self-adhesive strips prefabricated on the membrane sheets or with detailing tapes SikaProof <sup>®</sup> ExTape-150 outside and SikaProof <sup>®</sup> Tape-150 inside.
	Installation procedure:
	Ensure the substrate fulfils the necessary requirements.
	<ol> <li>First start to install the perimeter edges and terminations, using a SikaProof<sup>®</sup> A Edge sheet or standard membrane sheets.</li> </ol>
	10. Form the corners with the membrane sheets, as in the Method Statment.
	11. Lay out the SikaProof <sup>®</sup> A membrane sheets on the horizontal and vertical surfaces using 1.0 or 2.0 m width rolls (as appropriate) and bond the overlap joints with the self- adhesive strips lengthways and for cross joints using the
	SikaProof <sup>®</sup> ExTape-150 outside and SikaProof <sup>®</sup> Tape-150 inside.
	<ol> <li>Form the details, according to the Method Statement using the appropriate accessory products.</li> </ol>
	After the installation is completed, it is recommend inspection to check all of the
	overlap joints, connections and details, to ensure they are correctly installed and fully bonded.
	Also before the concrete is poured onto SikaProof <sup>®</sup> A system, it is recommend a final inspection of the SikaProof <sup>®</sup> A waterproofing system to ensure the optimum bond between the SikaProof <sup>®</sup> A system and the reinforced concrete structure.
	13. After removing the formwork all penetrations, such as shuttering anchors, any membrane damage and any construction joints have to be sealed on the external side (membrane side) using the appropriate accessories or complementary Sika waterproofing products.
	<ul> <li>After removing the formwork SikaProof<sup>®</sup> A system has to be protected in accordance with the stated requirements.</li> </ul>
	Before backfilling the SikaProof <sup>®</sup> A membranes has to be finally protected.
	For more detailed information about installation, please refer to the current SikaProof <sup>®</sup> A system Method Statement and Application Manual.
Notes on Installation / Limitations	SikaProof <sup>®</sup> A membranes must only be installed by Sika trained and approved Sika contractors.
	Do not install SikaProof <sup>®</sup> A membranes during continuous or prolonged rainfall.
	SikaProof <sup>®</sup> A membrane is not permanently UV and weather resistant. The membrane sheets have to be protected against such exposure:
	For example, the structural concrete has to be placed onto the SikaProof <sup>®</sup> A membranes within 4 weeks in the climate of central Europe. For more detailed informations please refer to the current Method Statement.
	<ul> <li>SikaProof<sup>®</sup> A membranes must not be installed on structures permanently exposed to UV light and weathering.</li> </ul>
	For the fully bond of the SikaProof <sup>®</sup> A membrane system to the structural concrete an adequate concrete quality (mix design) is required, please refer to the current Method Statement.
	<ul> <li>Additional joint sealing using SikaSwell<sup>®</sup> S-2 or SikaSwell<sup>®</sup> A is recommended for connections, around penetrations and in constructions joints.</li> </ul>

Value Base	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Ecology, Health and Safety Information	A Material Safety Data Sheet following EC- Regulation 1907/2006, Article 31 is not required to bring this product to the market, to transport, or to use it. The product does not damage the environment when used as specified.
REACH	European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006)
	This product is an article within the meaning of Regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. Therefore, there are no registration requirements for substances in articles within the meaning of Article 7.1 of the Regulation.
	Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



5

Sika Singapore Pte Ltd 200 Pandan Loop, 06-02 Pantech 21 Singapore 128388 SINGAPORE

Sika Kimia Sdn Bhd Lot 689 Nilai Industrial Estate 71800 Nilai, Negeri Sembilan DK MALAYSIA Phone: +65 6777 2811 Fax: +65 6779 6200 e-mail: info@sg.sika.com www.sika.com.sg

 Phone:
 +606-7991762

 Fax:
 +606-7991980

 e-mail:
 info@my.sika.com

 www.sika.com.my



8/8

