Product Data Sheet Edition 27/08/2013 Identification no: 02 06 07 01 001 0 00014 Sikalastic®-841 ST

Sikalastic®-841 ST

Liquid applied pure polyurea membrane

applied membrane with very good chemical resistance. Sikalastic®-841 ST shall not be used in closed structures containing biogenic sulphruric acid or methane gas, i.e digester tanks. Sikalastic®-841 ST can only be spray applied with special two part hot spray equipment. Uses ■ For waterproofing applications and anticorrosion applications on concrete and many other substrates:		
many other substrates: Typical uses: Protective coatings Tank coatings/linings Bridge coatings Roof coatings Walkways and balconies Flooring and parking decks Industrial and manufacturing facilities Landscape and water containment Power plants Sewage and Waste Water Treatment plants Truck bed lining Characteristics / Advantages Advantages Advantages Applicable in temperatures from -15 ℃ to 70 ℃ Performs in constant dry temperatures from -30 ℃ to 100 ℃ Performs in constant dry temperatures from -30 ℃ to 100 ℃ Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Low yellowing Good abrasion resistance Approvals/ Test reports Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No. 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer	Product Description	applied membrane with very good chemical resistance. Sikalastic [®] -841 ST shall not be used in closed structures containing biogenic sulphuric acid or methane gas, i.e digester tanks. Sikalastic [®] -841 ST can only be spray applied with special two part hot spray
Protective coatings ■ Tank coatings/linings ■ Bridge coatings ■ Roof coatings ■ Walkways and balconies ■ Flooring and parking decks ■ Industrial and manufacturing facilities ■ Landscape and water containment ■ Power plants ■ Sewage and Waste Water Treatment plants ■ Truck bed lining Characteristics / Advantages ■ Almost immediate return-to-service time ■ Applicable in temperatures from -15 ℃ to 70 ℃ ■ Performs in constant dry temperatures from -30 ℃ to 100 ℃ ■ 100% solids with zero VOC ■ Excellent crack-bridging properties ■ Good chemical resistance ■ Low yellowing ■ Good abrasion resistance	Uses	
■ Tank coatings/linings ■ Bridge coatings ■ Roof coatings ■ Walkways and balconies ■ Flooring and parking decks ■ Industrial and manufacturing facilities ■ Landscape and water containment ■ Power plants ■ Sewage and Waste Water Treatment plants ■ Truck bed lining Characteristics / Advantages ■ Almost immediate return-to-service time ■ Applicable in temperatures from -15 ℃ to 70 ℃ ■ Performs in constant dry temperatures from -30 ℃ to 100 ℃ ■ 100% solids with zero VOC ■ Excellent crack-bridging properties ■ Good chemical resistance ■ Low yellowing ■ Good abrasion resistance		Typical uses:
■ Bridge coatings ■ Roof coatings ■ Walkways and balconies ■ Flooring and parking decks ■ Industrial and manufacturing facilities ■ Landscape and water containment ■ Power plants ■ Sewage and Waste Water Treatment plants ■ Truck bed lining Characteristics / Advantages ■ Almost immediate return-to-service time ■ Applicable in temperatures from -15 ℃ to 70 ℃ ■ Performs in constant dry temperatures from -30 ℃ to 100 ℃ ■ 100% solids with zero VOC ■ Excellent crack-bridging properties ■ Good chemical resistance ■ Low yellowing ■ Good abrasion resistance		■ Protective coatings
Roof coatings Walkways and balconies Flooring and parking decks Industrial and manufacturing facilities Landscape and water containment Power plants Sewage and Waste Water Treatment plants Truck bed lining Characteristics / Advantages Very fast reactivity and curing time Applicable in temperatures from -15 ℃ to 70 ℃ Performs in constant dry temperatures from -30 ℃ to 100 ℃ 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		■ Tank coatings/linings
■ Walkways and balconies ■ Flooring and parking decks ■ Industrial and manufacturing facilities ■ Landscape and water containment ■ Power plants ■ Sewage and Waste Water Treatment plants ■ Truck bed lining Characteristics / Advantages Almost immediate return-to-service time ■ Applicable in temperatures from -15 °C to 70 °C ■ Performs in constant dry temperatures from -30 °C to 100 °C ■ 100% solids with zero VOC ■ Excellent crack-bridging properties ■ Good chemical resistance ■ Low yellowing ■ Good abrasion resistance ■ Low yellowing ■ Good abrasion resistance ■ Low 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ■ ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt ■ Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		■ Bridge coatings
■ Flooring and parking decks ■ Industrial and manufacturing facilities ■ Landscape and water containment ■ Power plants ■ Sewage and Waste Water Treatment plants ■ Truck bed lining Characteristics / Advantages ■ Almost immediate return-to-service time ■ Applicable in temperatures from -15 °C to 70 °C ■ Performs in constant dry temperatures from -30 °C to 100 °C ■ 100% solids with zero VOC ■ Excellent crack-bridging properties ■ Good chemical resistance ■ Low yellowing ■ Good abrasion resistance ■ Low yellowing ■ Good abrasion resistance ■ Low yellowing cood abrasion resistance ■ ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt ■ Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		■ Roof coatings
Industrial and manufacturing facilities Landscape and water containment Power plants Sewage and Waste Water Treatment plants Truck bed lining Characteristics / Advantages Almost immediate return-to-service time Applicable in temperatures from -15 ℃ to 70 ℃ Performs in constant dry temperatures from -30 ℃ to 100 ℃ 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Walkways and balconies
Landscape and water containment Power plants Sewage and Waste Water Treatment plants Truck bed lining Characteristics / Advantages Very fast reactivity and curing time Applicable in temperatures from -15 ℃ to 70 ℃ Performs in constant dry temperatures from -30 ℃ to 100 ℃ 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Flooring and parking decks
Power plants Sewage and Waste Water Treatment plants Truck bed lining Characteristics / Advantages Very fast reactivity and curing time Almost immediate return-to-service time Applicable in temperatures from -15 °C to 70 °C Performs in constant dry temperatures from -30 °C to 100 °C 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Low yellowing Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Industrial and manufacturing facilities
Sewage and Waste Water Treatment plants ■ Truck bed lining Characteristics / Advantages ■ Almost immediate return-to-service time ■ Applicable in temperatures from -15 °C to 70 °C ■ Performs in constant dry temperatures from -30 °C to 100 °C ■ 100% solids with zero VOC ■ Excellent crack-bridging properties ■ Good chemical resistance ■ Low yellowing ■ Good abrasion resistance ■ Low yellowing ■ Good abrasion resistance Approvals/ Test reports ■ Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ■ ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt ■ Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Landscape and water containment
Truck bed lining Characteristics / Advantages Almost immediate return-to-service time Applicable in temperatures from -15 °C to 70 °C Performs in constant dry temperatures from -30 °C to 100 °C 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Power plants
Characteristics / Advantages Almost immediate return-to-service time Applicable in temperatures from -15 °C to 70 °C Performs in constant dry temperatures from -30 °C to 100 °C 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Sewage and Waste Water Treatment plants
Advantages Almost immediate return-to-service time Applicable in temperatures from -15 °C to 70 °C Performs in constant dry temperatures from -30 °C to 100 °C 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Approvals/ Test reports Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		■ Truck bed lining
Applicable in temperatures from -15 °C to 70 °C Performs in constant dry temperatures from -30 °C to 100 °C 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer	Characteristics /	Very fast reactivity and curing time
 Performs in constant dry temperatures from -30 ℃ to 100 ℃ 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Approvals/ Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer 	Advantages	Almost immediate return-to-service time
 100% solids with zero VOC Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Approvals/ Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer 		■ Applicable in temperatures from -15 °C to 70 °C
 Excellent crack-bridging properties Good chemical resistance Low yellowing Good abrasion resistance Approvals/ Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer 		■ Performs in constant dry temperatures from -30 °C to 100 °C
Good chemical resistance Low yellowing Good abrasion resistance Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		■ 100% solids with zero VOC
 Low yellowing Good abrasion resistance Approvals/ Test reports Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer 		Excellent crack-bridging properties
■ Good abrasion resistance Approvals/ Test reports ■ Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ■ ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt ■ Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		
Approvals/ Test reports Spray applied, polyurea based coating according to CE-1504-2; 2004, DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Low yellowing
DoP 02 06 07 01 001 0 000041 1010, certified by Factory Production Control Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer		Good abrasion resistance
Body No. 0921, certificate 0921-CPR-2073, provided with the CE-mark. ETA 033; "Liquid applied bridgedeck waterproofing"; report No: 13/0653 issued by DIBt Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer	Approvals/	
by DIBt ■ Root resistance acc. DIN EN 23270, report No. P 7934 issued by KIWA Polymer	Test reports	



■ Certification for use in potable water according ANSI/ NSF 61

Product Data				
Product Data				
Form				
Appearance / Colours	ISO - Part A: Resin - Part B:		r liquid per or grey liquid	
	Grey ~ RAL 7005 or u	ın- <u>pig</u> r	mented (yellowish)	
Packaging	Part A (net): Part B (net):		,0 kg drum ,0 kg drum	
Storage				
Storage Conditions / Shelf Life	Part A: 12 months Part B: 18 months			
			ored properly in original, unopoditions at temperatures between	
Technical Data				
Chemical Base	Pure Polyurea			
Density	Part A: Part B:		12 kg/litre 01 kg/litre	
	All Density values at +2	23℃		
Gel Time	6 to 20 seconds			
Tack Free Time	60 to 120 seconds			
Post Cure Time	24 hours			
Solid Content	> 99%			
Viscosity (at 20 °C)	Part A: ~ 1200 mPas Part B: ~ 500 mPas			
Mechanical / Physical Properties				
Tensile Strength	> 15 N/mm ²			DIN 53504
Shore D Hardness	~ 45 to 50			DIN 5350
Elongation at Break	~ 350 %			DIN 5350
Abrasion Resistance	< 15 mg (CS 17/1000/1000) EN ISO 5470-1 ~ 100 mg (H22/1000/1000)			
Crackbridging properties	Static: > 2500 μ m at +23 °C, class A5 Dynamic: class B4.2 at -20 °C			
Resistance				
Chemical Resistance	Sikalastic [®] -841 ST is resistant to many chemicals. Please ask for a detailed chemical resistance table.			
Thermal Resistance	Sikalastic [®] -841 ST per	forms	in constant temperatures from	n -30℃ to 100℃.
Application Details				
Consumption / Dosage				
	Coating System		Product	Consumption
	System for concrete structures		1-2 x Sikafloor [®] -156 or Sikafloor [®] -161, lightly broadcast with quartz sand, 0.3 - 0.8 mm (optional)	0.3 - 0.5 kg/m² per layer 1.0 - 1.5 kg/m²

1 x Sikalastic®-841 ST

2

~ 1.08 kg/m²/mm

		1-2 x Sika® Concrete Primer, Lightly broadcast with quartz sand, 0.3 - 0.8 mm (optional)	0.2 - 0.4 kg/m ² per layer 1.0 - 1.5 kg/m ²	
		1 x Sikalastic [®] -841 ST		
	Custom on southern stool	1 x SikaCor® Zinc R	~ 1.08 kg/m²/mm	
	System on carbon steel	1 x Sikalastic [®] -841 ST	~ 0.35 kg/m² per layer ~ 1.08 kg/m²/mm	
	There figures are the exection			
		al and do not allow for any ado ofile, variations in level and wa		
	For use as bridge deck water proofing system according ETAG 033 refer to ETA 033 approval.			
Substrate Quality	The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm².			
	The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.			
	If in doubt, apply a test area	a first.		
Substrate Preparation	Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.			
	Weak concrete must be rer must be fully exposed.	noved and surface defects suc	ch as blowholes and voids	
	Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products from the Sikafloor [®] , SikaDur [®] and SikaGard [®] range of materials.			
	The concrete or screed substrate has to be primed or levelled in order to achieve an even surface.			
	High spots must be removed by e.g. grinding.			
	All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.			
	Steel surfaces must be prepared by blast cleaning to Sa 2 ½ (ISO 8501-1) or SSPC-SP 10. All weld splatter has to be removed joints and welds must be grin in accordance with EN 14879-1. An average surface profile $R_z \geq 50 \mu m$ must be achieved, the substrate has to be free from contaminants detrimental to adhesic preferably by high pressure water jetting prior of blast cleaning.			
Application Conditions / Limitations				
Substrate Temperature	-15℃ min. / +40℃ max.			
Ambient Temperature	-15℃ min. / +40℃ max.			
Relative Air Humidity	85% RH max.			
Substrate Moisture Content				
		:.	et)	
Dew Point	Beware of condensation!			
	The substrate temperature of de-lamination due to con	must be at least 3° C above deduction.	ew point to reduce the risk	
<u> </u>				

3

Sikalastic®-841 ST

3/6

Application Instructions

Mixing

Part A: Part B = 1:1 (by volume)

Dose and mix with suitable air driven or electrical two-part hot spray equipment. Both components must be heated up to +70 °C.

The accuracy of mixing and dosage must be controlled regularly with the

equipment.

Sikalastic[®]-841 ST might not be diluted under any circumstances. Thoroughly mix Sikalastic[®]-841 ST part B resin material using a drum mixer until a homogenous mixture and colour is obtained.

Application Method / Tools

Prior to application, confirm substrate moisture content, r.h and dew point.

Primer:

Prime prepared concrete with Sikafloor®-156 or Sikafloor®-161 or Sika® Concrete Primer. Primer should not just be rolled or poured. In order to avoid the formation of pinholes, the primer must be brushed into the concrete surface, if necessary in two applications. Broadcasting with quartz sand 0.3 - 0.8 mm is optional, e.g. for flooring applications where high shear resistance is required. In order to avoid the formation of blisters do not broadcast to excess.

Waterproofing:

Apply using a plural component, heated, high pressure, proportioning spray equipment as those manufactured by Graco[®] <u>GlasCraft</u>[®] Gusmer, Wiwa[®], Gama, Isotherm, Reaku or any other equipment producer.

The proportioning equipment utilized must be capable of supplying correct pressure and heat for the appropriate hose length on a consistent basis.

Cleaning of Tools

Clean all tools and application equipment with Thinner C immediately after use. Hardened and/or cured material can only be removed mechanically

Waiting Time / Overcoating

Before applying Sikalastic $^{\!0}$ -841 ST on Sikafloor $^{\!0}$ -156/ Sikafloor $^{\!0}$ -161 (with broadcasting) or SikaCor $^{\!0}$ Zinc R allow:

Substrate temperature	Minimum	Maximum
+10℃	24 hours	3 days ^{1,2})
+20℃	20 hours	48 hours ^{1,2})
+30℃	16 hours	24 hours ^{1,2})
+40℃	14 hours	24 hours ^{1,2})

Before applying Sikalastic [®] -841 ST on Sika [®] Concrete Primer allow:				
Substrate temperature	Minimum	Maximum		
+10℃	2 hours	- 24 hours ^{1,2})		
+20℃	1 hour			
+30℃	30 minutes			
+40°C	30 minutes			

Before applying Sikalastic®-841 ST on Sikalastic®-841 ST allow:

Substrate temperature	Minimum	Maximum
+10°C		6 hours ²)
+20°C		5 hours ²)
+30°C	10 sec.	4 hours ²)
+40°C		3 hours ²)

	1) Assuming that any dirt has been carefully removed and contamination is avoided.			
	²) If the max. waiting time is exceeded then hand abrade the entire surface using a moderate 200 to 300 grit sandpaper. Clean the grinded surface using Sika Colma [®] -Reiniger. For larger areas Sikalastic [®] -810 + 15% Thinner C or Sika [®] Concrete Primer must be applied as a bonding bridge.			
		ate and will be affecte ure and relative humi	ed by changing ambier dity.	nt conditions
Notes on Application /	This product may on	ly be used by experie	enced professionals.	
Limitations	For spray application	the use of protective	health & safety equip	ment is mandatory!
			eated, high pressure, p during application and	
			esion values and exter ion of Sikalastic [®] -841	
	Under direct UV-exposure Sikalastic [®] -841 ST will discolour and may exhibit some chalking tendencies, but the mechanical properties are not affected. Where colour stability is required an appropriate top coat has to be applied.			
	Please note: Always	apply a test area first	t.	
Curing Details				
Applied Product ready				
for use	Temperature	Rain resistant after	Ready for foot ¹⁾ traffic (carefully)	Ready for traffic ²⁾
	+10℃		~ 8 minutes	~ 90 minutes
	+20℃	~ 2 minutes	~ 5 minutes	~ 60 minutes
	+30℃		~ 4 minutes	~ 45 minutes
	+40℃		~ 3 minutes	~ 30 minutes
	Note: 1) Only for inspection or 2) Only for inspection, a	for application of the ne pplication of the next lay	ext layer. ver Not for permanent tra	ffic.
	Times are approxima	ate and will be affecte	ed by changing ambier	nt conditions.
EU Regulation 2004/42	According to the EU	Directive 2004/42, th	e maximum allowed c 500 g/l (Limits 2007 / 2	ontent of VOC
VOC - Decopaint Directive	to use product.	4 / J type sb) is 550 / 3	500 g/i (Limits 2007 / 2	2010) for the ready
Directive	The maximum conte product.	nt of Sikalastic[®]-841	ST is < 500 g/l VOC f	or the ready to use
USGBC LEED Rating	Sikalastic®-841 ST conforms to the requirements of LEED EQ Credit 4.2: Low –Emitting Materials: Paints & Coatings SCAQMD Method 304-91 VOC Content < 100g/l			
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.			
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.			

Sikalastic®-841 ST

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

5

Health and Safety Information

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.









台灣西卡股份有限公司 33849 桃園縣蘆竹鄉富國路三段 1380 號 TEL:03-352-8622 FAX: 03-352-0470 sika@tw.sika.com / twn.sika.com Sika Services AG Tüffenwies 16 CH-8048 Zurich Switzerland

Phone +41 44 436 40 40 Telefax +41 44 436 46 86 wwww.sika.com