


SELECTION CHART BY APPLICATION

MARKET SEGMENT	APPLICATION AREA	RECOMMENDED PRODUCTS		
HEATING, VENTILATION, AIR CONDITIONING SYSTEMS				
	Metal frame sealing and bonding	Higher strength solution Primer free application Fast cure, primer free application	Sikaflex®-268 Sikasil® AS-70 Sikasil® AS-785	
	Perimeter sealing		SikaLastomer®-710	
	Structural reinforcement and corner bonding	Standard solution		Sikaflex®-552 AT
		Fast cure solution		Sikaflex®-953
		Fast handling process solution		Sikaflex®-545
	Wall panel sealing and bonding	Fungus- and mold-resistant approved solution		Sikaflex®-551
Standard solution			Sikaflex®-552 AT	
Seam sealing with fungus- and mold-resistant approved solution	Fast cure solution		Sikaflex®-953	
	Fungus- and mold-resistant approved solution		Sikaflex®-551	
Vibration damping			Sikaflex®-522 SikaDamp®-620	
FOOD PROCESSING, STORING AND VENDING EQUIPMENT				
	Glass bonding on metal frame	Higher strength applications Food approved applications	Sikaflex®-260 N Sikaflex®-551	
	Metal frame assembly	Standard solution		Sikaflex®-552 AT
		Fast cure solution		Sikaflex®-953
	Body sealing	Fungus- and mold-resistant approved solution		Sikaflex®-551
		Easy removal solution		SikaLastomer®-710
	Stiffener bonding	Standard solution		Sikaflex®-221
Food approved applications			Sikaflex®-522	
Display bonding			Sikaflex®-545	
Bracket bonding	High load resistant solution		SikaFast®-1576	
	Impact resistant solution		SikaFast®-5215 NT	
CONSTRUCTION ELEMENTS				
	Doors and windows	Glass sealing applications	Sikasil® WS-605 S	
		Glass bonding applications	Sikasil® WT-480	
		Aluminum frame assembly	SikaForce®-7900	
INDUSTRIAL COMPONENTS AND MACHINERY				
	Electrical cabinets, home appliances, elevators, ovens, special machinery	Glass bonding	Sikaflex®-265 Sikasil® AS-70	
		Glass sealing	Sikasil® AS-70	
		Generic sealing		Sikaflex®-221
				Sikaflex®-521 UV Sikasil® WS-605 S
		Floor cover bonding (PVC, carpets, etc)		SikaSense®-4300
		Stiffener bonding (metal frame)		Sikaflex®-252
				Sikaflex®-545
		Mounting panels		Sikaflex®-252
				Sikaflex®-552 AT SikaPower®-4720
		Noise and vibration absorption		SikaDamp®-620
		Multipurpose elastic bonding		Sikaflex®-221
				Sikaflex®-265 Sikaflex®-551 SikaForce®-7550
Multipurpose rigid structural bonding		SikaPower®-1554		
		SikaFast®-5215 NT		
RENEWABLE ENERGIES				
	Solar	Glass bonding to metal frame backrail bonding	Sikasil® AS-70	
			Sikasil® AS-770	
			Sikasil® AS-785 Sikasil® AS-790	
	Wind	Junction box bonding	Sikasil® AS-70	
			Sikasil® AS-785	
			Sikasil® AS-785 SL Sikasil® AS-787 SL	
Wind blade repair and surface filling		Sikadur® Blade Repair Kit SikaForce®-7800 Red and Blue		
	Generic sealing		Sikaflex®-521 UV Sikasil® WS-605 S	
METAL WORKING				
	All kind of industries	Permanent sealing	Sikaflex®-221 Sikaflex®-515	
		Removable sealing	SikaLastomer®-710	
		Elastic structural bonding		Sikaflex®-265 Sikaflex®-552 AT
				SikaPower®-4720
		Rigid structural bonding		SikaPower®-1576 SikaFast®-5221 NT

SELECTION CHART BY SUBSTRATE

SUBSTRATE	APPLICATION AREA	FEATURES	RECOMMENDED PRODUCT		
MINERAL GLASS					
	Elastic joint	Non-UV-exposed bonding	Generic sealing and bonding	Sikaflex®-221	
			Moderate mechanical strength	Sikaflex®-252	
			High mechanical strength	Sikaflex®-260 N Sikaflex®-265 with SikaBooster® Sikaflex®-852 FR	
	Rigid joint	Weathering protected areas	UV exposed sealing	Sikasil® WS-605 S	
			Weathering resistant joint	Medium strength	Sikaflex®-521 UV
			UV exposed bondline	High mechanical strength	Sikaflex®-552 AT
Rigid joint	Weathering protected areas	Easy usage	Sikasil® AS-70		
		Long open time	Sikasil® SG-500		
		Fast curing	Sikasil® AS-785 SikaFast®-5211 NT		
		Excellent impact resistance with good performance at HT	SikaFast®-5411 NT		
PLASTICS					
	Polar plastics	Sealing applications	UV-resistant joint	Sikasil® W-605 S	
		Cold applied adhesive	Flexible bonding	Sikasil® AS-70	
			Multipurpose, fast curing	SikaFast®-5211 NT	
	Polyolefin bonding (PE, PP, etc)	Hot applied adhesive	Gap filling and vertical surfaces	SikaForce®-7550	
			High green strength	SikaMelt®-9670	
			Large surface bonding	SikaMelt®-9676	
	In combination with moisture permeable substrates	SikaMelt®-9185 IA			
	High mechanical strength and flexibility over a broad temperature range	SikaMelt®-9171			
WOODS					
	Fast assembly applications	High green strength	SikaMelt®-9670		
		Structural bonding	SikaFast®-5215 NT		
		Gap filling	SikaForce®-7780 L12		
	Long open time	In combination with substrates such as metals, expanded foams, mineral wool		SikaForce®-7710 L35	
		Bonding applications with textiles and porous substrates		SikaSense®-4300 FD	
		Vertical surfaces		SikaForce®-7720 L45	
METALS					
	Elastic joint	Removable sealing	Formed in place sealing	SikaLastomer®-710	
			Preformed sealant	SikaLastomer®-95	
		Permanent bonding and sealing	Generic sealing and bonding	Sikaflex®-521 UV	
			Elastic structural bonding with reduced pre-treatment	Sikaflex®-552 AT	
			Flame retardant	Sikaflex®-852 FR	
			Food approved sealing	Sikaflex®-522	
	Rigid joint	Aluminum assembly	Food approved elastic bonding	Sikaflex®-551	
			Overpaintable, for aluminum construction elements	SikaForce®-7900	
		Application before E-coating process	Multipurpose structural adhesive	SikaPower®-1554	
			Sealing application	SikaPower®-4506	
		Generic metal assembly	Structural bonding application		SikaPower®-4588
	Generic metal structural bonding		Multipurpose, in combination with substrates such as expanded foams, mineral wool and wood		SikaForce®-7710 L35
			Vertical surfaces		SikaForce®-7720 L45
	Seam sealing and damping	Spray application	High strength, multipurpose	SikaPower®-1576	
High performance structural bonding (also spot weldable)			SikaPower®-4720		
Fast curing			SikaFast®-5211 NT		
Seam sealing and damping	Damping application	Excellent impact resistance	SikaFast®-5411 NT		
			Sikaflex®-529 AT		
			SikaDamp®-620 Sikagard®-6682		
COMPOSITES					
	Surface filling	Cold weather applications	SikaForce®-7800 Blue		
		Hot weather applications	SikaForce®-7800 Red		
	Sealing and bonding applications	Generic sealing applications	Sikaflex®-521 UV		
		Elastic structural sealing and bonding	Sikaflex®-552 AT		
	Rigid structural bonding	SikaPower®-1554			
CLEANING					
	Adhesive removing		Sika® Remover-208		
			Sika® Remover-Glass		
			Sika® HandClean		
	Hand cleaning		Sika® HandClean		
Before sealing and bonding process	Plastics and non-porous substrates cleaning		Sika® Cleaner P		
	Stainless steel, anodized aluminum, coated metals and glass		Sika® Cleaner G&M		

Our most current General Sales Conditions shall apply. Please consult the Data Sheet prior to any use and processing. For using Sikaflex® grades 2xx and 5xx series please refer to Sika Pretreatment Chart.

Your distributor:

SIKA SERVICES AG
Tiefenwies 16
8048 Zurich
Switzerland

CONTACT
Phone: +41 44 436 40 40
Fax: +41 44 436 55 30
industry@ch.sika.com
www.sika.com/industry