

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	Sikaflex®-260 N
		Food approved applications	Sikaflex®-551
	Metal frame assembly	Standard solution	Sikaflex®-552 AT
		Fast cure solution	Sikaflex®-953
		Fungus- and mold-resistant approved solution	Sikaflex®-551
	Body sealing	Easy removal solution	SikaLastomer®-710
		Standard solution	Sikaflex®-221
Stiffener bonding	Food approved applications	Sikaflex®-522	
Display bonding		Sikaflex®-545	
Bracket bonding	High load resistant solution	SikaFast®-5215 NT	
	Impact resistant solution	SikaPower®-1576	
CONSTRUCTION ELEMENTS			
	Doors and windows	Glass sealing applications Glass bonding applications Aluminum frame assembly	Sikasil® WS-605 S Sikasil® WT-480 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
Multipurpose rigid structural bonding	SikaForce®-7550		
	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
Generic sealing	Wind blade repair and surface filling	Sikadur® Blade Repair Kit SikaForce®-7800 Red and Blue	
		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
		Rigid structural bonding	SikaPower®-4720 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
			Fast curing	Sikaflex®-265 with SikaBooster®
			Flame retardant	Sikaflex®-852 FR
	Weathering resistant joint	UV exposed sealing	Weatherproof sealing	Sikasil® WS-605 S
		Medium strength	Sikaflex®-521 UV	
Rigid joint	Weathering protected areas	High mechanical strength	Sikaflex®-552 AT	
		Easy usage	Sikasil® AS-70	
		Long open time	Sikasil® SG-500	
		Fast curing	Sikasil® AS-785	
		Fast curing	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
	Hot applied adhesive	Gap filling and vertical surfaces	SikaForce®-7550	
		High green strength	SikaMelt®-9670	
Polyolefin bonding (PE, PP, etc)	Hot applied adhesive	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	
	Long open time	Gap filling	SikaForce®-7780 L12	
		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
			Multipurpose, in combination with substrates such as expanded foams, mineral wool and wood	SikaForce®-7710 L35
	Generic metal structural bonding	Vertical surfaces	SikaForce®-7720 L45	
		High strength, multipurpose	SikaPower®-1576	
High performance structural bonding (also spot weldable)		SikaPower®-4720		
Fast curing		SikaFast®-5211 NT		
Seam sealing and damping	Spray application	Excellent impact resistance	SikaFast®-5411 NT	
		Damping application	Sikaflex®-529 AT	
		Preformed panels	SikaDamp®-620	
		Sprayable or manual application	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	
	Glass cleaning		Sika® CleanGlass	
	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.

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