sedak

production capabilities

processing	max. length	max. width	thickness	quality	shape	standard
cutting	20,000 mm 787 in	3,600 mm 142 in	1 – 19 mm 1/25 – 3/4 in			
edging	20,000 mm 787 in	3,600 mm 142 in	4 – 19 mm 5/32 – 3/4 in	matt-ground, polished-ground, mirror polished		DIN 1249
surface treatment	20,000 mm 787 in	3,600 mm 142 in	6 – 19 mm 1/4 – 3/4 in	matt-ground, polished-ground, mirror polished	C cut, V cut	

coating	max. length	max. width	thickness	standard
solar, low-e, high-selectivity, nano-coating, decorative	19,450 mm 766 in	3,210 mm 126 in	4 – 19 mm 5/32 – 3/4 in	DIN EN 1096-4

ceramic-ink printing	max. length	max. width	thickness	tolerances frameless printing	tolerances multiple printing	printing resolution
roller-coater printing	20,000 mm 787 in	3,300 mm 130 in	6 – 19 mm 1/4 – 3/4 in			
digital printing	18,000 mm 709 in	3,300 m 130 in	6 – 19 mm 1/4 – 3/4 in	0 – 4,000 mm: 1 mm 4,000 – 9,000 mm: 2 mm 9,000 – 18,000 mm: 3 mm 0 – 157 in: 1/25 in 157 – 354 in: 1/16 in 354 – 709 in: 3/32 in	± 0.2 mm / ± 0.001 in	max. 1,410 dpi
type of color	ceramic ink, heavy metal-free, precious-metal ceramic colors (yellow gold, white gold), polymer ink					

bending	length	width	thickness	bending shape	Rmin.*	max. bending angle
gravity-bent glass	11,000 mm 433 in	3,300 mm 130 in	2 – 19 mm 5/64 – 3/4 in	cylindrical, conical, spherical, toroidal, J-shape, double-curvature, free-form	upon request	upon request
heat-treated curved glass (HSG / FTG)	18,000 mm 709 in	3,600 mm 142 in	6 – 19 mm 1/4 – 3/4 in	cylindrical	1,000 mm 39 in	90°
	11,500 mm 453 in	3,600 mm 142 in	6 – 19 mm 1/4 – 3/4 in	cylindrical, conical, spherical, toroidal, J-shape, double-curvature, 3D-bent, free-form	500 mm 18 in (max. depth 1,200 mm)	90°
cold-bent laminated glass (min. bending radius 1,500×thickness)	20,000 mm 787 in	3,600 mm 142 in	6 mm, 8 mm, 10 mm 1/4 in, 5/16 in, 3/8 in		9,000 mm, 12,000 mm, 15,000 mm 354 in, 472 in, 591 in	National Technical Approval: Z-70.3-175

*Data depending on glass width, glass length and glass thickness as well as coatings.

sedak

production capabilities

tempering	max. length	max. width	thickness	min. surface tension	max. depth	standard
heat-strengthened glass*	20,000 mm 787 in	3,600 mm 142 in	6 – 12 mm ¼ – ½ in	70 MPa		DIN EN 1863
fully tempered glass*	20,000 mm 787 in	3,600 mm 142 in	6 – 19 mm ¼ – ¾ in	120 MPa		DIN EN 12150
heat soak test	20,000 mm 787 in	3,600 mm 142 in	6 – 19 mm ¼ – ¾ in			DIN EN 14179
chemically toughened glass	4,840 mm 190 in	2,450 mm 96 in	2 – 19 mm 5⁄64 – ¾ in		1,190 mm 47 in	DIN EN 12337

*available in **sedak tempered+**

laminating	max. length	max. width	lamination interlayer	special laminations	intermediate materials	standard
multilayer laminated safety glass	20,000 mm 787 in	3,600 mm 142 in	SentryGlas®, PVB, TPU, EVA, special interlayers	metal, stone, timber, projection films, and functional elements such as fasteners	Sefar fabrics, Southwall interlayer, XIR interlayer, switchable films	DIN EN 14449, DIN EN 12543-2
sedak GlasCobond®	National Technical Approval: Z-70.3-259					DIN EN 14449, DIN EN 12543-2
sedak GlasCobond®	National Technical Approval: Z-70.3-295					DIN EN 14449, DIN EN 12543-2
sedak MarineCobond®						DIN EN 14449, DIN EN 12543-2

insulating glass	max. length	max. width	standard
flat	20,000 mm 787 in	3,600 mm 142 in	DIN EN 1279-5
cold bent	20,000 mm 787 in	3,600 mm 142 in	
hot bent	18,000 mm 709 in	3,600 mm 142 in	
finishing	available with laminated safety glass, solar control coatings, low-E coatings, combination coatings, sound-insulating interlayers, colored interlayers, colored glass, roller-coated printing, digital printing, and decorative coatings		

Additional dimensions, finishes, designs and special shapes are available upon request.
Please contact our sales team to discuss your project requirements.

sedak GmbH & Co. KG I Einsteinring 1 I 86368 Gersthofen I Germany
+49 821 2494 – 222 I info@sedak.com I sedak.com

All rights reserved. I Last updated: June 2026 I ©**sedak**