

production capabilities

processing	max. length	max. width	thickness	quality	shape	max. groove width	standard
cutting	20,000 mm / 787 in	3,600 mm / 142 in	4–19 mm / $\frac{5}{32}$ – $\frac{3}{4}$ in				
edging	20,000 mm / 787 in	3,600 mm / 142 in	6–19 mm / $\frac{1}{4}$ – $\frac{3}{4}$ in	matt grinded, polished grinded, mirror polished			DIN 1249
surface treatment	20,000 mm / 787 in	3,600 mm / 142 in		matt grinded, polished grinded, mirror polished	C cut, V cut	50 mm / 5,9 in	

coating	max. length	max. width	thickness	standard
	19,450 mm / 766 in	3,240 mm / 128 in	4–19 mm / $\frac{5}{32}$ – $\frac{3}{4}$ in	DIN EN 1096-4

ceramic-ink printing	max. length	max. width	thickness	tolerances frameless printing	tolerances multiple printing	printing resolution
screen printing	2,400 mm / 95 in	1,350 mm / 53 in	4–10 mm / $\frac{5}{32}$ – $\frac{25}{64}$ in			
roller-coater printing	20,000 mm / 787 in	3,300 mm / 130 in	6–19 mm / $\frac{1}{4}$ – $\frac{3}{4}$ in			
digital printing	18,000 mm / 709 in	3,300 mm / 130 in	6–19 mm / $\frac{1}{4}$ – $\frac{3}{4}$ in	0–4,000 mm: 1 mm, 4,000–9,000 mm: 2 mm, 9,000–18,000 mm: 3 mm / 0–157 in: $\frac{1}{25}$ in, 157–354 in: $\frac{1}{16}$ in, 354–709 in: $\frac{3}{32}$ 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)					

bending	length	width	thickness	bending shape	Rmin.*	max. bending angle
gravity curved glass	11,500 mm / 452 in	3,300 mm / 130 in	2–19 mm / $\frac{5}{64}$ – $\frac{3}{4}$ in	cylindrical, conical, spherical, toroidal, J-shaped, double- curvature, free-form		
tempered curved glass	2,440 mm / 53 in	1,570 mm / 62 in	4–8 mm / $\frac{5}{32}$ – $\frac{5}{16}$ in	cylindrical	1,000 mm / 39 in	90°
	4,800 mm / 189 in	2,440 mm / 53 in	6–12 mm / $\frac{1}{4}$ – $\frac{1}{2}$ in	cylindrical	1,500 mm / 59 in	90°
	2,440 mm / 53 in	4,250 mm / 130 in	6–15 mm / $\frac{1}{4}$ – $\frac{19}{32}$ in	cylindrical	2,500 mm / 98 in	90°
	3,000 mm / 118 in	1,500 mm / 59 in	5–10 mm / $\frac{13}{64}$ – $\frac{25}{32}$ in	cylindrical	650 mm / 26 in	105°
	2,500 mm / 98 in	1,200 mm / 47 in	5–8 mm / $\frac{13}{64}$ – $\frac{5}{16}$ in	J-shaped	350 mm / 14 in	90°
	5,000 mm / 197 in	3,200 mm / 126 in	6–12 mm / $\frac{1}{4}$ – $\frac{1}{2}$ in	cylindrical, J-shaped	1,500 mm / 59 in	90°
	3,300 mm / 130 in	3,600 mm / 142 in	6–15 mm / $\frac{1}{4}$ – $\frac{19}{32}$ in	cylindrical	1,500 mm / 59 in	90°
	3,300 mm / 130 in	2,500 mm / 59 in	6–12 mm / $\frac{1}{4}$ – $\frac{1}{2}$ in	cylindrical	900 mm / 35 in	90°
	6,500 mm / 256 in	3,600 mm / 142 in	6–19 mm / $\frac{1}{4}$ – $\frac{3}{4}$ in	cylindrical	2,000 mm / 78 in	90°
	6,500 mm / 256 in	3,600 mm / 142 in	6–19 mm / $\frac{1}{4}$ – $\frac{3}{4}$ in	double-curvature	y=4,250 mm / 167 in x=7,000 mm / 276 in	
18,000 mm / 709 in	3,600 mm / 142 in	6–15 mm / $\frac{1}{4}$ – $\frac{19}{32}$ in	cylindrical	1,000 mm / 39 in	90°	
cold bending during lamination (min. bending radius 1,500xthickness)	20,000 mm / 787 in	3,600 mm / 142 in	6 mm, 8 mm, 10 mm / $\frac{1}{4}$ in, $\frac{5}{16}$ in, $\frac{3}{8}$ 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.

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	4,900 mm / 193 in	2,400 mm / 94 in	2–19 mm / 5/64 – ¾ in		1,120 mm / 44 in	

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

insulating glass	max. length	max. width	standard
flat / cold bent	20,000 mm / 787 in	3,600 mm / 142 in	DIN EN 1279-5
hot bent	18,000 mm / 709 in	3,600 mm / 142 in	
finishing	made of laminated safety glass, solar control coating, low-e coating, combination coatings, sound insulation interlayer, colored interlayer, colored glass, roller-coater printing, digital printing and decorative coating		

Further dimensions, finishing stages, designs and special shapes are available on specific request.

Please contact our sales team for your inquiry.

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