

# SGC & SGCC

## TECHNICAL DATA:

### Aluminum

- Extrusion – CS uses multiple alloys & tempers which are established to be the most appropriate for the given use of individual parts. Will be one of the following: (6063-T5, T6, T52) (6061-T5, T6, T51) (6105-T5, T6) (6005-T5) (6005A-T5, T61), ASTM B221
- Sheet – 6061-T6, 3003-H14, 5005-H34, ASTM B209
- Aluminum in contact with concrete/masonry will have a 2 mil heavy metal free high solids primer

### Turnbar

- Material – C1075 Blue Temper Spring Steel
- Hardness – RC 44-47
- Finish – “A” Coating (Corrosion Protection)



This model is  
MBDC Cradle to Cradle  
Certified<sup>CM</sup> Silver.

*Cradle to Cradle Certified<sup>CM</sup> is a certification mark license  
by the Cradle to Cradle Products Innovation Institute.*

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MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE	BLOCKOUT WIDTH	BLOCKOUT HEIGHT
SGC-500	5.00" (127mm)	2.75" (70mm)	9.00" (229mm)	13.75" (349mm)	3.50" (89mm)	0.63" (16mm)
SGC-600	6.00" (152mm)	2.75" (70mm)	9.25" (235mm)	14.75" (375mm)	3.50" (89mm)	0.63" (16mm)
SGC-700	7.00" (178mm)	2.75" (70mm)	12.00" (305mm)	16.75" (425mm)	4.00" (102mm)	0.63" (16mm)
SGC-800	8.00" (203mm)	2.75" (70mm)	13.00" (330mm)	17.75" (451mm)	4.00" (102mm)	0.63" (16mm)
SGC-900	9.00" (229mm)	2.75" (70mm)	14.00" (356mm)	19.75" (502mm)	4.50" (114mm)	0.63" (16mm)
SGC-1000	10.00" (254mm)	2.75" (70mm)	16.00" (406mm)	20.75" (527mm)	4.50" (114mm)	0.63" (16mm)
SGC-1100	11.00" (279mm)	2.75" (70mm)	18.00" (457mm)	22.75" (578mm)	5.00" (127mm)	0.63" (16mm)
SGC-1200	12.00" (305mm)	2.75" (70mm)	18.50" (470mm)	23.75" (603mm)	5.00" (127mm)	0.63" (16mm)
SGC-1300	13.00" (330mm)	2.75" (70mm)	21.00" (533mm)	25.75" (654mm)	5.50" (140mm)	0.63" (16mm)
SGC-1400	14.00" (356mm)	2.75" (70mm)	22.00" (559mm)	26.75" (679mm)	5.50" (140mm)	0.63" (16mm)
SGC-1500	15.00" (381mm)	2.75" (70mm)	22.75" (578mm)	28.75" (730mm)	6.00" (152mm)	0.63" (16mm)
SGC-1600	16.00" (406mm)	2.75" (70mm)	25.00" (635mm)	29.75" (756mm)	6.00" (152mm)	0.63" (16mm)
SGCC-500	5.00" (127mm)	3.75" (95mm)	7.00" (178mm)	9.38" (238mm)	3.50" (89mm)	0.63" (16mm)
SGCC-600	6.00" (152mm)	4.25" (108mm)	7.50" (191mm)	10.38" (264mm)	3.50" (89mm)	0.63" (16mm)
SGCC-700	7.00" (178mm)	5.00" (127mm)	9.50" (241mm)	11.88" (302mm)	4.00" (102mm)	0.63" (16mm)
SGCC-800	8.00" (203mm)	5.50" (140mm)	10.50" (267mm)	12.88" (327mm)	4.00" (102mm)	0.63" (16mm)
SGCC-900	9.00" (229mm)	6.00" (152mm)	11.50" (292mm)	14.38" (365mm)	4.50" (114mm)	0.63" (16mm)
SGCC-1000	10.00" (254mm)	6.50" (165mm)	13.00" (330mm)	15.38" (391mm)	4.50" (114mm)	0.63" (16mm)
SGCC-1100	11.00" (279mm)	7.00" (178mm)	14.50" (368mm)	16.88" (429mm)	5.00" (127mm)	0.63" (16mm)
SGCC-1200	12.00" (305mm)	7.50" (191mm)	15.25" (387mm)	17.88" (454mm)	5.00" (127mm)	0.63" (16mm)
SGCC-1300	13.00" (330mm)	8.00" (203mm)	17.00" (432mm)	19.38" (492mm)	5.50" (140mm)	0.63" (16mm)
SGCC-1400	14.00" (356mm)	8.50" (216mm)	18.00" (457mm)	20.38" (518mm)	5.50" (140mm)	0.63" (16mm)
SGCC-1500	15.00" (381mm)	9.00" (229mm)	18.75" (476mm)	21.88" (556mm)	6.00" (152mm)	0.63" (16mm)
SGCC-1600	16.00" (406mm)	9.50" (241mm)	20.50" (521mm)	22.88" (581mm)	6.00" (152mm)	0.63" (16mm)

Call the factory for larger size joints.

