

## Curved Glass guidelines & tolerances

### guidelines

|                                            | Toughened &<br>Toughened Laminated                                          | Annealed &<br>Annealed Laminated             |
|--------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------|
| Max. Glass Height                          | < 1000 radius 2500<br>> 1000 radius 3300                                    | 3800 (2400)                                  |
| Max. Glass Girth                           | < 1000 radius 1500<br>> 1000 radius 2500                                    | 2400 (3800)                                  |
| Max. Angle of bending                      | < 1000 radius 90°<br>> 1000<br>any angle up to max. 680mm<br>depth of curve |                                              |
| Min. Radius                                | Glass Height                                                                |                                              |
|                                            | <b>400 to 2500mm h</b>                                                      | <b>2500 to 3300 h</b>                        |
| 5-6mm                                      | 460                                                                         | 1000                                         |
| 8mm                                        | 600                                                                         | 1200                                         |
| 10mm                                       | 700                                                                         | 1200                                         |
| 12mm                                       | 1000                                                                        | 1500                                         |
| 15mm                                       | 1650                                                                        | 1500 *                                       |
|                                            | <small>*Minimum radius will depend upon<br/>glass dimensions</small>        |                                              |
| Tangent bending & composite radius bending | to max. 2500mm height<br>to max. 1500mm girth                               | No specific restrictions<br>other than above |

### tolerances

|                     |                |
|---------------------|----------------|
| Overall measurement | +/-2mm over 1m |
| Twisting            | +/-3mm over 1m |
| Edge flatness       | +/-2mm over 1m |
| Deviation of curve  | +/-2mm         |
| Glass thickness     | +/-0.7mm       |
| Edge alignment      | +/-2mm         |



As always we would remind you that there are many variables which will influence potential outcomes for individual projects. Sometimes this allows achieving better than indicated on certain parameters. We recommend consulting the experienced staff at BCG to discuss the specific requirements of each project in order to determine the best glass options available.



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