

# TOUGHENING

The below table outlines the minimum and maximum panel sizes we can toughen:

Glass Thickness	Type	Min (W)	Min (H)	Diagonal	Max (W)	Max (H)
4mm	Toughened	200mm	200mm	250mm	1500mm	2500mm
5mm	Toughened	200mm	200mm	250mm	1500mm	2800mm
6mm	Toughened	200mm	200mm	250mm	1500mm	3050mm
8mm	Toughened	200mm	200mm	250mm	1500mm	3050mm
10mm	Toughened	200mm	200mm	250mm	1500mm	3050mm
12mm	Toughened	200mm	200mm	250mm	1500mm	3050mm
15mm	Toughened	200mm	200mm	250mm	1300mm	3050mm

## Bowing

The below table outlines the bowing tolerances for toughened glass:

Toughening process	Glass type	Maximum values	
		Overall bow mm/mm	Local bow mm/300mm
Horizontal	Float to EN 572-2	0.003	0.5
	Others	0.004	0.5
Vertical	All	0.005	1

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## Stamp Guidelines

### Face Stamp

Pearsons Glass company profile for stamping is outlined on the image to the right:

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### Edge Stamp

Upon request, Pearsons Glass can also offer a discreet line stamp, that will be placed on the edge thickness, as outlined on the image to the right:

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## Testing

Any toughened glass supplied by Pearsons Glass conforms to BS EN12150 1C-2:2004 – Testing certification can be downloaded [here](#).