

# TINTED FLOAT GLASS COLOUR VARIATIONS

When you use a body tinted glass, the colour of the glass will darken as the glass thickness increases. This will have a major effect on the aesthetics of your building.

## Examples below:

Visible Light Transmittance Values

### Grey Tinted Glass

Grey Float	Visible Light	Tint Difference
4mm	56%	23% Lighter than 6mm
6mm	43%	23% Darker than 4mm
8mm	33%	23% Darker than 6mm
10mm	26%	21% Darker than 8mm
12mm	20%	23% Darker than 10mm

### Bronze Tinted Glass

Bronze Float	Visible Light	Bronze Float Darkness
4mm	62%	19% Lighter than 6mm
6mm	50%	19% Darker than 4mm
8mm	41%	18% Darker than 6mm
10mm	33%	20% Darker than 8mm

To reduce the risk of colour variations you will need to glaze your project using the thickest glass requirement which meets the SANS 10400 – N tables, remembering that smaller panes could have used a thinner glass.

Alternatively, look at using a tinted PVB interlayer where there will be very little colour variation between the different thickness as the tint is actually from the vinyl and not from the body of the glass.