



## TECHNICAL SPECIFICATION

Rail profile nominally 108 x 50, with wall thickness c. 3.5mm  
Nominal weight 1.5kg/metre

Post profile nominally 150 x 100, with wall thickness c. 2.5mm  
Nominal weight 2.0kg/metre

Typical extrusion material:

Titanium Dioxide	4%
5 kg Vicat softening point	78 to 82°C
Relative density	range 1.42 to 1.48
Flexural modulus	range 2373 to 2510 Mpa
Impact type	high (12-20 KJ/M <sup>2</sup> )
Coefficient of thermal expansion	6 x 10 <sup>-5</sup> /deg C
Rockwell hardness R scale	115 deg
Tensile strength	45-50 MN/M <sup>2</sup>
Thermal conductivity	0.16 W/Mk
Falling weight test, 0° C (1 metre/1kg weight 25mm radius)	NO BREAKS