

# Tooling Block Selector Guide



	TB650		EP678		EP700		TC460		Standard
Description	Premium quality epoxy syntactic tooling block		High quality tooling block		High quality tooling block		Ultra-high temperature performance		-
Colour	Green		Blue		Natural		Blue		-
Units	SI	Imperial	SI	Imperial	SI	Imperial	SI	Imperial	-
Density	680 kg/m <sup>3</sup>	43 lb/ft <sup>3</sup>	708 kg/m <sup>3</sup>	44 lb/ft <sup>3</sup>	636 kg/m <sup>3</sup>	40 lb/ft <sup>3</sup>	740 kg/m <sup>3</sup>	46 lb/ft <sup>3</sup>	BS EN ISO 1183-3:1999
Shore Hardness	69 °D	69 °D	68 °D	68 °D	65 °D	65 °D	78 °D	78 °D	ISO 868:1998
Uniaxial Compressive Strength	45.5 MPa	6600 lbf/in <sup>2</sup>	52 MPa	7540 lbf/in <sup>2</sup>	45 MPa	6527 lbf/in <sup>2</sup>	52 MPa	7400 lbf/in <sup>2</sup>	BS EN ISO 604
Heat Distortion Temperature	111 °C	232 °F	119 °C	246 °F	129 °C	264 °F	232 °C	450 °F	BS 2782
Coefficient of Thermal Expansion	38.0 x10 <sup>-6</sup> /°C	21.2 x10 <sup>-6</sup> /°F	35.7 x10 <sup>-6</sup> /°C	19.9 x10 <sup>-6</sup> /°F	34.0 x10 <sup>-6</sup> /°C	18.9 x10 <sup>-6</sup> /°F	31.0 x10 <sup>-6</sup> /°C	17.0 x10 <sup>-6</sup> /°F	BS 4618 3.1

Metric Sizes				
	49mm x 0.5m x 1.0m	49mm x 1.0m x 1.0m	123mm x 0.5m x 1.0m	123 mm x 1.0m x 1.0m
TB650	.	.	.	.

Imperial Sizes			
	2" x 24" x 60"	4" x 24" x 60"	6" x 24" x 60"
EP678	.	.	.
EP700	.	.	.
TC460	.	.	.



## Important Notice

All statements, technical information and recommendations offered are only for consideration and evaluation. Whilst they are believed to be accurate they are not guaranteed and are provided without warranty of any kind. No undertaking is given that the goods/products supplied are fit for its particular purpose. The buyer/user shall assume all risks and liabilities in connection therewith.

Tooling Selector Guide ed. 1.7 Jul 2015



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