

### Description

Manufacturing Standard :	<b>BS EN 1339 : 2003</b>
Manufacturing Process :	Agg-Tech semi dry pressed & vibrated concrete
Product Type:	Precast Concrete Paving Flags Incorporates Invicta 80mm
Application:	Domestic and Commercial use; hardstanding for vehicular & pedestrian pavements including footpaths, cycle tracks, driveways, commercial pavements, roof top and balcony applications etc. (please see <a href="http://www.brettlandscaping.co.uk">www.brettlandscaping.co.uk</a> for further guidance on applications)

### Product Performance

Strength	Characteristic bending strength $\geq 5.0$ Mpa / Characteristic breaking load $> 4.5$ KN
Abrasion Resistance	$\leq 23$ mm - Determined by Wide Wheel Abrasion Test
Durability	Class 3 $\leq 1.0$ kg/m <sup>2</sup> with no individual result $\leq 1.5$ kg/m <sup>2</sup>
Slip / Skid Resistance	$\geq 55$ - Potential for slip - Low
Reaction to fire	Class A1 when used for internal flooring
External Fire Performance	Deemed to satisfy
Emission of asbestos	No content
Thermal Conductivity	1.2 W/(mK)

### Dimensions (mm) & Typical Unit Weights (Kg)

<u>Product</u>	<u>Nominal Dims (mm)</u>	<u>Working Dims (mm)</u>	<u>Unit Weight (kg)</u>
Invicta Flag Paving 80mm	600x200	600x200	23.71
Tolerance on Working Dimensions	Thickness $\pm 3$ mm ; Plan Size $\pm 2$ mm		
Chamfer	Textured Finish		

### Product Information

Design Standard	BS 7533-2:2001; BS 7533-8:2003
Installation Standard	BS 7533-3:2005 + A1:2009; BS 7533-4:2006
NBS Specification	45-20-64/395 Precast concrete flags / Q24 110, 112, 113 / Q25 120, 125, 127, 220, 315
Colour	Pearl, Moonstone, Onyx, Citrine
Other	Not applicable

<u>Product</u>	<u>Size</u>	<u>No. per pack</u>	<u>No. per m2</u>	<u>m2 per pack</u>	<u>Pack Weight (kg)</u>	<u>Pack Type</u>
Invicta Flag Paving 80mm	600x200	56	8.33	6.72	1328	Pallet

### Useful Links

Brett Website - Domestic	<a href="http://www.brettlandscaping.co.uk/invicta">www.brettlandscaping.co.uk/invicta</a>
Brett Website - Commercial	<a href="https://www.brettlandscaping.co.uk/professional/invicta">https://www.brettlandscaping.co.uk/professional/invicta</a>
NBS Specification	<a href="#">Currently unavailable</a>
BIM Model	<a href="#">Currently unavailable</a>
Cleaning & Maintenance	<a href="https://www.brett paving.co.uk/knowledge-hub/maintenance-guides/">https://www.brett paving.co.uk/knowledge-hub/maintenance-guides/</a>

### Contact Details

Telephone	0345 608 0570
E-Mail	<a href="mailto:project.designer@brett.co.uk">project.designer@brett.co.uk</a>