

# Orion

## Mixed Constellation

200 x 100 x 80

Orion will be sure to add character to any project. The mix of Braemar's smooth ground finish and Fusion's textured granite surface creates a striking, distinctive space

With a contrast of grey tones ranging from Alto Silver to Graphite, this mix will cover all design aspirations.

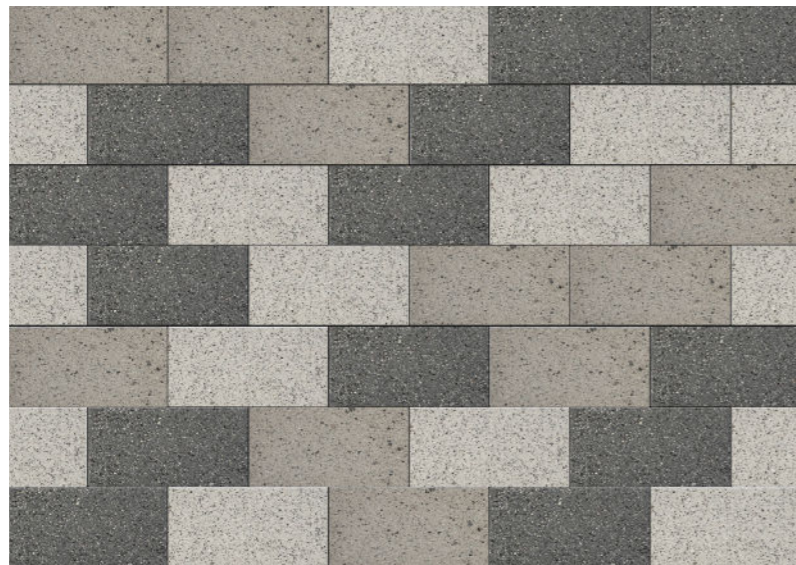
Braemar Jura Grey



Braemar Alto Silver



Fusion Graphite



SCAN HERE



Refer to relevant guidance in BS 7533



Finish



80mm

Depths

### Fusion Specification

PrimeTop Ef-Stop

<b>Product type</b>	Concrete Paving Block	
<b>Manufactured to</b>	<b>BS EN 1338:2003</b>	200x100x80mm
<b>Surface Layer</b>	Hard-wearing surface layer with a minimum of 4mm and >350kg/m <sup>3</sup> cement	
<b>Surface Finish</b>	Textured Granite Aggregate	
<b>Granite Content in Surface Layer</b> (Not less than %)	<b>53%</b>	Graphite
<b>Efflorescence</b>	Minimum 12 hour vapour curing to significantly reduce the possibility of efflorescence	
<b>Strength</b>	<b>BS EN 1338:2003</b>	Typical tensile splitting strength of >3.6MPa
<b>Slip/Skid risk</b>	Mean polished skid resistance value (PSRV) >45 Mean unpolished skid resistance value (USRV) >45	
<b>Installed to</b>	<b>BS 7533-3:2005</b>	200x100x80mm
<b>NS</b>	<b>Plus</b> Q24 110	200x100x80mm
	<b>Create</b> 45-20-64/400	
<b>Tolerances on Dimensions (mm)</b>	Length ±2mm, width ±2mm, thickness ±3mm	
<b>Abrasion Resistance</b>	Class 3	
<b>Durability (Freeze-thaw)</b>	Class 3	
<b>External Fire Performance</b>	Deemed to satisfy. See Commission Decision 2000/553/EC	
<b>Reaction to fire</b>	Class A1	
<b>Applications</b>	Refer to the relevant part of BS 7533 for the correct sub-base design and the most suitable product size for your application. Available from www.bsigroup.com	
<b>Energy used</b>	100% renewable energy	
<b>Water used</b>	100% water used from rainwater harvesting system and groundwater bore hole	
<b>Recycled content</b>	Not less than 6%	
<b>Carbon Footprint</b>	<b>80mm</b> 23.47kgCo <sub>2</sub> e/m <sup>2</sup> (+8.4% -5.8% depending on specific products)	
<b>Recyclable</b>	100% of this product can be recycled	
<b>Manufacturing &amp; Delivery</b>	From one location within the UK	
<b>breem rating</b> www.bre.co.uk	<b>80mm: B</b> , according to the Green Guide to Specification, 4 <sup>th</sup> Edition 2009. <b>A</b> can be achieved when used in conjunction with a prepared recycled sub-base.	

Tobermore products are manufactured in accordance with an accredited ISO 9001:2015 Quality Management. Manufacturing facilities are accredited to ISO14001:2015 Environmental Management. The company publish environmental labels and declarations in accordance with BES 6001.

product	size (mm)	colours available	in stock	m <sup>2</sup> per pack	m <sup>2</sup> per slice	no. per m <sup>2</sup>	no. per pack	weight kg per pack GB	weight kg per pack NI/ROI
<b>Fusion Orion</b>	200 x 100 x 80	Graphite	YES	12.48	3.12	16.66	208	1765	1755

### Braemar Specification

PrimeTop Ef-Stop

<b>Product type</b>	Concrete Paving Block	
<b>Manufactured to</b>	<b>BS EN 1338:2003</b>	200x100x80mm
<b>Surface Layer</b>	Hard-wearing surface layer with a minimum of 4mm and >390kg/m <sup>3</sup> cement	
<b>Surface Finish</b>	Ground/Ground Textured	
<b>Granite Content in Surface Layer</b> (Not less than %)	Alto Silver 63.3%	Jura Grey 51.3%
<b>Efflorescence</b>	Minimum 12 hour vapour curing to significantly reduce the possibility of efflorescence	
<b>Slip/Skid risk</b>	Mean polished skid resistance value (PSRV) >45 Mean unpolished skid resistance value (USRV) >45	
<b>Installed to</b>	<b>BS 7533-3:2005</b>	200x100x80mm
	Details available on request	
<b>Strength</b>	<b>BS EN 1338:2003</b>	Typical tensile splitting strength of >3.6MPa
	<b>BS EN 1339:2003</b>	Typical tensile splitting strength of >5MPa (Class 3)
<b>NS</b>	<b>Plus</b> Q24 110	200x100x80mm
	<b>Create</b> 45-20 64/400	
<b>Tolerances on Dimensions (mm)</b>	Length ±2mm, width ±2mm, thickness ±3mm	
<b>Abrasion Resistance</b>	Class 3	
<b>Durability (Freeze-thaw)</b>	Class 3	
<b>External Fire Performance</b>	Deemed to satisfy. See Commission Decision 2000/553/EC	
<b>Reaction to fire</b>	Class A1	
<b>Applications</b>	Refer to the relevant part of BS 7533 for the correct sub-base design and the most suitable product size for your application. Available from www.bsigroup.com	
<b>Energy used</b>	100% renewable energy	
<b>Water used</b>	100% from our rainwater harvesting system and groundwater bore hole	
<b>Recycled content</b>	<b>Not less than 10%</b> 200x100x80mm	
<b>Carbon Footprint</b>	50.74kgCo <sub>2</sub> e/m <sup>2</sup> (+7%, -0.6% depending on specific product)	
<b>Recyclable</b>	100% of this product can be recycled	
<b>Manufacturing &amp; Delivery</b>	From one location within the UK	
<b>breem rating</b> www.bre.co.uk	<b>B</b> , according to the Green Guide to Specification, 4 <sup>th</sup> Edition 2009. <b>A</b> can be achieved when used in conjunction with a prepared recycled sub-base.	

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product	size (mm)	edge	colours available	in stock	m <sup>2</sup> per pack	m <sup>2</sup> per slice	no. per m <sup>2</sup>	no. per pack	weight kg per pack GB	weight kg per pack NI/ROI
<b>Braemar Orion</b>	200 x 100 x 80	Square edge	Alto Silver, Jura Grey	YES	9.6	1.6	50	480	1756	1746

# Orion

## Mixed Constellation

300 x 200 x 80

Orion will be sure to add character to any project. The mix of Braemar's smooth ground finish and Fusion's textured granite surface creates a striking, distinctive space

With a contrast of grey tones ranging from Alto Silver to Graphite, this mix will cover all design aspirations.

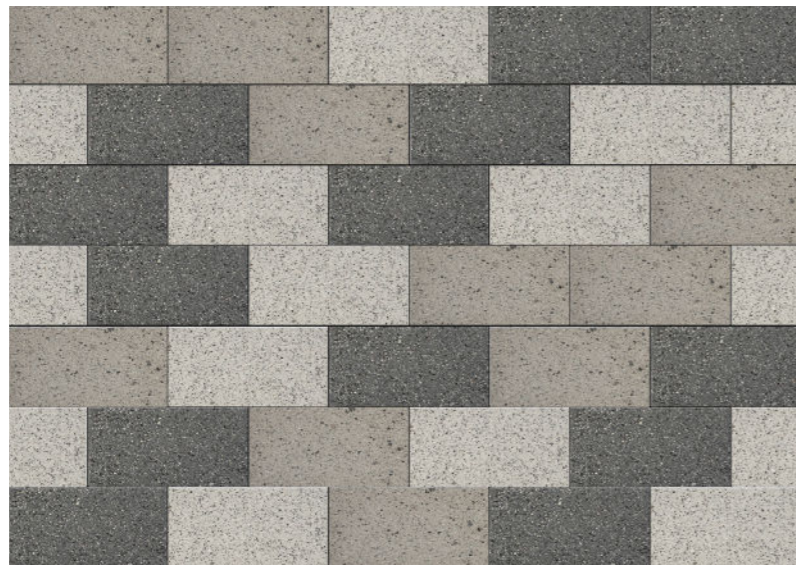
Braemar Jura Grey



Braemar Alto Silver



Fusion Graphite



SCAN HERE



Refer to relevant guidance in BS 7533



Finish



80mm

Depths

### Fusion Specification

PrimeTop Ef-Stop

<b>Product type</b>	Concrete Paving Block	
<b>Manufactured to</b>	<b>BS EN 1338:2003</b>	300x200x80mm
<b>Surface Layer</b>	Hard-wearing surface layer with a minimum of 4mm and >350kg/m <sup>3</sup> cement	
<b>Surface Finish</b>	Textured Granite Aggregate	
<b>Granite Content in Surface Layer</b> (Not less than %)	<b>53%</b>	Graphite
<b>Efflorescence</b>	Minimum 12 hour vapour curing to significantly reduce the possibility of efflorescence	
<b>Strength</b>	<b>BS EN 1338:2003</b>	Typical tensile splitting strength of >3.6MPa
<b>Slip/Skid risk</b>	Mean polished skid resistance value (PSRV) >45 Mean unpolished skid resistance value (USRV) >45	
<b>Installed to</b>	<b>BS 7533-3:2005</b>	300x200x80mm
<b>NS</b>	<b>Plus</b> Q24 110	300x200x80mm
	<b>Create</b> 45-20-64/400	
<b>Tolerances on Dimensions (mm)</b>	Length ±2mm, width ±2mm, thickness ±3mm	
<b>Abrasion Resistance</b>	Class 3	
<b>Durability (Freeze-thaw)</b>	Class 3	
<b>External Fire Performance</b>	Deemed to satisfy. See Commission Decision 2000/553/EC	
<b>Reaction to fire</b>	Class A1	
<b>Applications</b>	Refer to the relevant part of BS 7533 for the correct sub-base design and the most suitable product size for your application. Available from www.bsigroup.com	
<b>Energy used</b>	100% renewable energy	
<b>Water used</b>	100% water used from rainwater harvesting system and groundwater bore hole	
<b>Recycled content</b>	Not less than 6%	
<b>Carbon Footprint</b>	<b>80mm</b>	23.47kgCO <sub>2</sub> e/m <sup>2</sup> (+8.4% -5.8% depending on specific products)
<b>Recyclable</b>	100% of this product can be recycled	
<b>Manufacturing &amp; Delivery</b>	From one location within the UK	
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<b>Fusion Orion</b>	300 x 200 x 80	Graphite	YES	12.48	3.12	16.66	208	1765	1755

### Braemar Specification

PrimeTop Ef-Stop

<b>Product type</b>	Concrete Paving Block	
<b>Manufactured to</b>	<b>BS EN 1338:2003</b>	300x200x80mm
<b>Surface Layer</b>	Hard-wearing surface layer with a minimum of 4mm and >390kg/m <sup>3</sup> cement	
<b>Surface Finish</b>	Ground/Ground Textured	
<b>Granite Content in Surface Layer</b> (Not less than %)	Alto Silver 63.3%	Jura Grey 51.3%
<b>Efflorescence</b>	Minimum 12 hour vapour curing to significantly reduce the possibility of efflorescence	
<b>Slip/Skid risk</b>	Mean polished skid resistance value (PSRV) >45 Mean unpolished skid resistance value (USRV) >45	
<b>Installed to</b>	<b>BS 7533-3:2005</b>	300x200x80mm
	Details available on request	
<b>Strength</b>	<b>BS EN 1338:2003</b>	Typical tensile splitting strength of >3.6MPa
	<b>BS EN 1338:2003</b>	Typical tensile splitting strength of >5MPa (Class 3)
<b>NS</b>	<b>Plus</b> Q24 110	300x200x80mm
	<b>Create</b> 45-20 64/400	
<b>Tolerances on Dimensions (mm)</b>	Length ±2mm, width ±2mm, thickness ±3mm	
<b>Abrasion Resistance</b>	Class 3	
<b>Durability (Freeze-thaw)</b>	Class 3	
<b>External Fire Performance</b>	Deemed to satisfy. See Commission Decision 2000/553/EC	
<b>Reaction to fire</b>	Class A1	
<b>Applications</b>	Refer to the relevant part of BS 7533 for the correct sub-base design and the most suitable product size for your application. Available from www.bsigroup.com	
<b>Energy used</b>	100% renewable energy	
<b>Water used</b>	100% from our rainwater harvesting system and groundwater bore hole	
<b>Recycled content</b>	<b>Not less than 10%</b> 300x200x80mm	
<b>Carbon Footprint</b>	<b>80mm</b>	50.74kgCO <sub>2</sub> e/m <sup>2</sup> (+7%, -0.6% depending on specific product)
<b>Recyclable</b>	100% of this product can be recycled	
<b>Manufacturing &amp; Delivery</b>	From one location within the UK	
<b>breem rating</b> www.bre.co.uk	<b>B</b> , according to the Green Guide to Specification, 4 <sup>th</sup> Edition 2009. <b>A</b> can be achieved when used in conjunction with a prepared recycled sub-base.	

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<b>Braemar Orion</b>	300 x 200 x 80	Square edge	Alto Silver, Jura Grey	YES	9.6	1.6	50	480	1756	1746

# Orion

## Mixed Constellation

600 x 300 x 80

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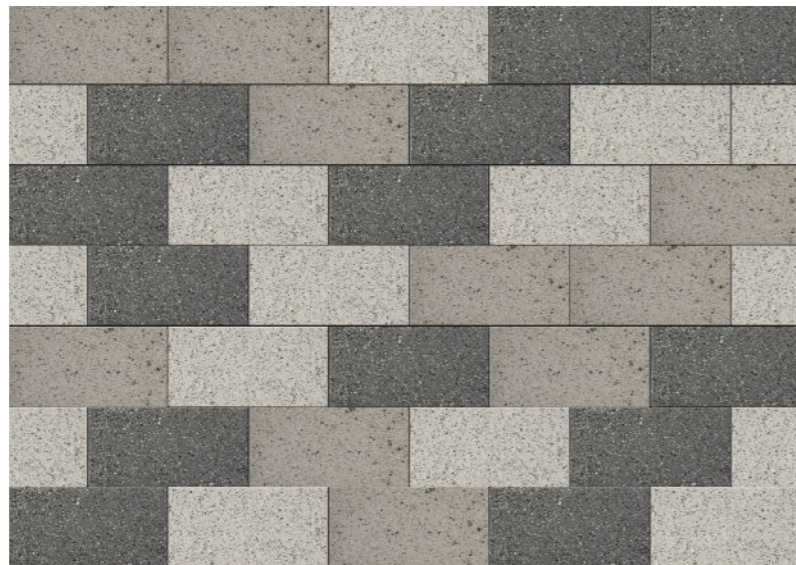
Braemar Jura Grey



Braemar Alto Silver



Fusion Graphite



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Finish



80mm

Depths

### Fusion Specification

<b>Product type</b>	Concrete Paving Block	
<b>Manufactured to</b>	<b>BS EN 1338:2003</b>	600x300x80mm
<b>Surface Layer</b>	Hard-wearing surface layer with a minimum of 4mm and >350kgs/m <sup>2</sup> cement	
<b>Surface Finish</b>	Textured Granite Aggregate	
<b>Granite Content in Surface Layer</b> (Not less than %)	<b>53%</b>	Graphite
<b>Efflorescence</b>	Minimum 12 hour vapour curing to significantly reduce the possibility of efflorescence	
<b>Strength</b>	<b>BS EN 1338:2003</b>	Typical tensile splitting strength of >3.6MPa
<b>Slip/Skid risk</b>	Mean polished skid resistance value (PSRV) >45 Mean unpolished skid resistance value (USRV) >45	
<b>Installed to</b>	<b>BS 7533-3:2005</b>	600x300x80mm
<b>NS</b>	<b>Plus</b> Q24 110	600x300x80mm
	<b>Create</b> 45-20-64/400	
<b>Tolerances on Dimensions (mm)</b>	Length ±2mm, width ±2mm, thickness ±3mm	
<b>Abrasion Resistance</b>	Class 3	
<b>Durability (Freeze-thaw)</b>	Class 3	
<b>External Fire Performance</b>	Deemed to satisfy. See Commission Decision 2000/553/EC	
<b>Reaction to fire</b>	Class A1	
<b>Applications</b>	Refer to the relevant part of BS 7533 for the correct sub-base design and the most suitable product size for your application. Available from www.bsigroup.com	
<b>Energy used</b>	100% renewable energy	
<b>Water used</b>	100% water used from rainwater harvesting system and groundwater bore hole	
<b>Recycled content</b>	Not less than 6%	
<b>Carbon Footprint</b>	<b>80mm</b> 23.47kgCo <sub>2</sub> e/m <sup>2</sup> (+8.4% -5.8% depending on specific products)	
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<b>NS</b>	<b>Plus</b> Q24 110	600x300x80mm
	<b>Create</b> 45-20 64/400	
<b>Tolerances on Dimensions (mm)</b>	Length ±2mm, width ±2mm, thickness ±3mm	
<b>Abrasion Resistance</b>	Class 3	
<b>Durability (Freeze-thaw)</b>	Class 3	
<b>External Fire Performance</b>	Deemed to satisfy. See Commission Decision 2000/553/EC	
<b>Reaction to fire</b>	Class A1	
<b>Applications</b>	Refer to the relevant part of BS 7533 for the correct sub-base design and the most suitable product size for your application. Available from www.bsigroup.com	
<b>Energy used</b>	100% renewable energy	
<b>Water used</b>	100% from our rainwater harvesting system and groundwater bore hole	
<b>Recycled content</b>	<b>Not less than 10%</b> 600x300x80mm	
<b>Carbon Footprint</b>	50.74kgCo <sub>2</sub> e/m <sup>2</sup> (+7%, -0.6% depending on specific product)	
<b>Recyclable</b>	100% of this product can be recycled	
<b>Manufacturing &amp; Delivery</b>	From one location within the UK	
<b>breon rating</b> www.bre.co.uk	<b>B</b> , according to the Green Guide to Specification, 4 <sup>th</sup> Edition 2009. <b>A</b> , can be achieved when used in conjunction with a prepared recycled sub-base.	

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