

# PLAZA

## PRODUCT INFORMATION



Premium granite 'stone washed' paving blocks

### Features & Benefits

#### THE FEATURES:

- Cost effective top end product.
- High quality raw materials used in face mix, making it one of the most durable paving products in the UK.
- Unique washing process used to expose the vibrant granite materials in the face mix.
- Products cured in state-of-the-art system, in order to tightly control the curing process and guard against efflorescence and shading issues.
- Suitable for conservation areas.
- Excellent slip resistance.
- Plaza is available as part of AG's Xflo® permeable block paving range.

#### THE BENEFITS:

- Washed finish provides more vibrant textured finish when compared with shot-blasted or bush-hammered products.
- Consistent colour and surface aggregate distribution.
- Wide range of mould sizes to give unique laying patterns.
- AG actively promotes the use of Plaza in bound construction (rigid) and unbound construction (flexible) pavements.
- Availability from stock.
- Excellent Kg CO2 / m2 - compared with others in the market.
- Excellent recycled non primary materials contained in the base mix.



#### COLOURS:



Sandstone Silver Slate Graphite

### Sustainability Data

<b>ENERGY USE:</b>	100% renewable
<b>WATER USED:</b>	90% rain water harvesting
<b>RECYCLABLE:</b>	100% of this product can be recycled
<b>MANUFACTURING LOCATION:</b>	Produced in the UK from locally sourced materials
<b>NON-PRIMARY:</b>	52 - 60% non primary materials
<b>WASTE WOOD &amp; PLASTIC:</b>	100% recycled
<b>CARBON FOOTPRINT:</b>	<b>60mm:</b> 12.3 Kg CO <sub>2</sub> / m <sup>2</sup> <b>80mm:</b> 15.2 Kg CO <sub>2</sub> / m <sup>2</sup>
<b>CARBON REDUCTION:</b>	20 Kg CO <sub>2</sub> / m <sup>2</sup> (paving blocks)
<b>BREEAM #:</b>	<b>'A' Rating</b> - in accordance with the BRE Green Guide to Specification. (A+ Rating - when used with recycled sub-base).

# Building Research Establishment's Environmental Assessment Method.

### PRODUCT DATA:

product/depth	size (mm)	in stock	colours available	m <sup>2</sup> per pack	units per m <sup>2</sup>	units per pack	unit weight	weight per pack	packs per 8 wheeler	packs per unit lorry
Plaza 3's 60mm <i>(mixed 3 size pack)</i>	300x200	YES	Silver / Slate	7.68	4	248	8.3 Kg	1.10 t	16	24
	200x200						5.5 Kg			
	100x200						2.8 Kg			
		MTO	Graphite / Sandstone	12.48	as above	403	as above	1.75 t	9	15
Plaza 60mm	200x150	YES	Silver / Slate	7.56	33.3	252	4.1 Kg	1035 t	17	26
		MTO	Graphite / Sandstone	12.96	33.3	432	4.1 Kg	1.75 t	9	15
	150x150	MTO	Silver / Slate / Graphite / Sandstone	12.96	44.4	560	3.1 Kg	1.75 t	9	15
Plaza 80mm	600x200	MTO	Silver / Slate / Graphite / Sandstone	9.6	8.33	80	2.1 Kg	1.8 t	9	15
	400x400	MTO	Silver / Slate / Graphite / Sandstone	9.6	6.25	60	3.0 Kg	1.8 t	9	15
	400x200	MTO	Silver / Slate / Graphite / Sandstone	9.6	12.5	120	1.5 Kg	1.76 t	9	15
	200x200	MTO	Silver / Slate / Graphite / Sandstone	9.6	25	240	7.5 Kg	1.76 t	9	15
	200x150	MTO	Silver / Slate / Graphite / Sandstone	9	33.3	300	5.5 Kg	1.65 t	9	15
	150x150	MTO	Silver / Slate / Graphite / Sandstone	9	44.4	400	4.1 Kg	1.65 t	9	15
	200x100+	MTO	Silver / Slate / Graphite / Sandstone	9.72	50	486	3.7 Kg	1.7 t	9	15
	Xflo® Plaza 80mm# <i>(mixed 2 size pack)</i>	255x170	MTO	Silver / Slate / Graphite / Sandstone	9.6	mixed	270	8 Kg	1.75 t	9
	170x170	5.3 Kg								

NB. Items 'in stock' are supplied as patio packs and MTO items are supplied in full packs (patio packs can be supplied on request).

MTO - made to order (minimum order size 500m<sup>2</sup>).

+ Do not mix 200x100x80mm with other Plaza 80mm.

# Machine lay available.

### MANUFACTURE:

Plaza is manufactured from specially selected granite aggregate. Its premium stone washed appearance is obtained using computer controlled washing machinery which leaves a uniquely natural finish (coarse texture). Unique aggregate storage methods avoiding aggregate contamination.

### PLANT OF MANUFACTURE (POM):

Made at our Toome Production Plant.

### TRAFFICKING:

Plaza paving and flagstone units are available in a range of sizes and in 60mm and 80mm thicknesses to suit a variety of public realm and trafficking applications. For more information on selection of suitable sizes and depths contact our Technical Department.

### STANDARDS & PERFORMANCE:

Manufactured and tested to  
BS EN 1338:2003 (paving blocks)  
BS EN 1339:2003 (flagstones).

Tensile Splitting Strength: 3.6 Mpa or better  
(paving blocks)

Bending Strength: Class 1 minimum  
3.5 Mpa (flagstones)

Slip Potential: Low Slip Potential

Abrasion Resistance: Class 3

Weathering Resistance: Class 3

(Resistant to freeze/thaw associated with de-icing salts)

### CHAMFER SIZE:

**60mm / Xflo:** pencil round.

**80mm:** minimum 3mm straight chamfer.

### SPACER NIBS:

**60mm:** 1.5mm spacers on each paver leaving a 2mm minimum joint when laid.

**80mm:** 2mm spacers on each paver leaving a 3mm minimum joint when laid.

**Xflo:** 3.25mm x 2 spacers on each paver leaving a 7mm minimum joint when laid.

### INSTALLATION:

AG recommend that our paving and flag products are laid in accordance with British Standards Institute BS 7533. If you need further assistance in this respect please consult our Technical Department.

### CERTIFICATION:

**ISO 14001** - Environmental Management.

**OSHAS 18001** - Occupational Health and Safety Management.

**CE Marking** - Download our Declaration of Performance (DOP) data at:

[www.acheson-glover.com/cemarking](http://www.acheson-glover.com/cemarking)

### SPECIFICATION REFERENCE:

**NBS PLUS:** Q25 SLAB/BRICK/SETT/COBBLE PAVINGS: 315

Q24 CONVENTIONAL CONCRETE BLOCK PAVING/WITH BOUND BASE/UNBOUND BASE/OVERLAY: 110, 112, 113

**BS EN:** 1338:2003 (Paving Blocks)  
1339:2003 (Flagstones)

### NOTES:

During installation care should be taken to protect the product from wet and dark base sand, dirt and detritus while remaining construction works are completed. To ensure the paving / flagstone units remain in good condition, regular cleaning is essential after installation.

Care should be taken to ensure the chosen bedding and jointing materials will not stain the surface of the paving units. AG recommends the use of appropriately graded coarse aggregates for bedding and jointing. As a general rule, grey or silver coloured jointing materials work well for dark grey and silver coloured paving / flagstone units. For more information contact our Technical Dept.

Plaza is manufactured using graded aggregates which can vary slightly in tone. Where possible it is advised to order from the same production run to avoid the possibility of tone variations (shading).

Like all quality concrete products with a high cement content, Plaza can display the effects of efflorescence. Sometimes known as 'white bloom', this naturally occurring phenomenon will disappear over time and does not effect the structural integrity of the units.

Care should be taken when handling Plaza. During transport and delivery some 'chipping' (up to 5%) can be expected. These can be used for cuts and detailing.

