

# Lastra

reconstituted granite aggregate flagstones with a ground finish



DEPTH



40  
Millimetres

FINISH

Gr  
Ground



600 x  
400mm

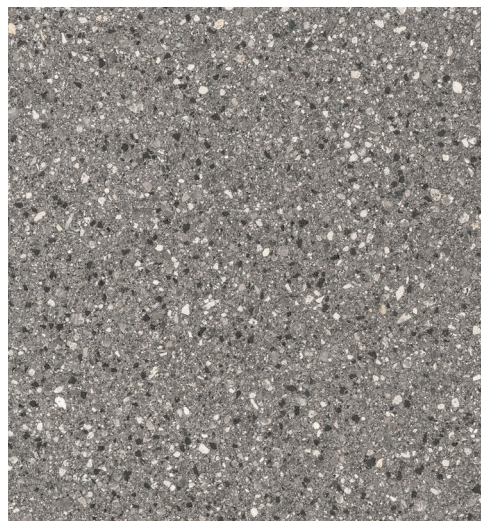
Lastra  
colours + finishes

## COLOURS + FINISHES

For 'Stock Information' on colours availability - see page 3.



SILVER



SLATE



SAHARA



Frost  
Resistant



Pedestrian  
Use



Abrasion  
Resistant



Low  
Potential  
for Slip



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## STANDARDS + PERFORMANCE

<b>Product Type</b>	Reconstituted granite aggregate flagstones with a ground finish
<b>Manufactured to</b>	hEN 1339:2003
<b>Surface Layer</b>	Durable and hard wearing with a minimum surface layer of 8mm. Reclaimed and recycled material not less than 55% in surface layer
<b>Granite Content</b>	Minimum of 50% granite in surface layer
<b>Efflorescence</b>	Advanced concrete technology, plus state-of-the-art factory controlled vapour curing significantly reduces this naturally occurring chemical reaction
<b>Bending Strength</b>	>5.0Mpa class 3. For specific force performance on a given size or depth please contact our Technical Specification Department
<b>Slip / Skid Resistance</b>	Ground finish: (PTV) >36 low potential for slip. Specific slip / skid resistance test results are available on request from our Technical Specification Department
<b>Frost Resistance</b>	Class 3 in accordance with hEN 1339:2003 Table 4.2
<b>Abrasion Resistance</b>	Class 3 in accordance with hEN 1339:2003 Table 6
<b>Installed to</b>	BS 7533-4:2006
<b>NBS Plus</b>	Q25 315

## SUSTAINABILITY

<b>BES 6001</b>	Responsible Sourcing of Concrete Products (Rating: Very Good)
<b>Energy Use</b>	100% renewable
<b>Water Used</b>	90% recycled water
<b>Recyclable</b>	100% of this product can be recycled
<b>Manufacturing</b>	Produced in the UK using responsibly sourced materials
<b>Non-Primary Materials</b>	52 – 60% (surface layer)
<b>Waste Wood + Plastic</b>	100% recycled
<b>BREEAM</b>	40 – 70mm: <b>A Rating</b> – according to the Green Guide to Specification 4th edition 2009. <b>A+ Rating</b> can be achieved when used in conjunction with a prepared recycled sub-base.

## AG RECOMMENDATIONS

### Close Jointing

AG recommends a close joint of between 2mm - 5mm as per BS 7533 to cater for product alignment (butt jointing should be avoided).

### Jointing Sand

AG recommends that silver and slate coloured products are jointed with AG's Granite Sand.

Please contact our Technical Specification Department for further details.

## ADVICE + GUIDANCE

For advice and guidance on ordering, installation, good site practice, etc. visit our website:

[www.ag.uk.com/advice+guidance](http://www.ag.uk.com/advice+guidance)

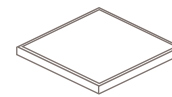
For maintenance guidance and health and safety advice visit our website:

[www.ag.uk.com/maintenance](http://www.ag.uk.com/maintenance)

## EDGES

### Lastra

Supplied with a fine straight chamfer.



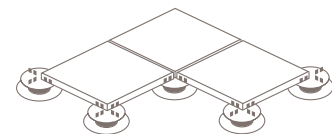
**Straight Chamfer**

## DIMENSIONAL TOLERANCES FOR WIDTH + DEPTH

Calibration before processing ensures strict compliance with hEN 1339:2003 tolerances and a low level of dimensional variance, delivering ease and accuracy of placement during installation, making them ideal for pedestals and much easier to lay on a well screeded bedding layer i.e. level and loose raked.

## PEDESTALS

Pedestal systems are designed to support paving products on roof terraces, roof gardens, platforms and other raised areas. They resolve an array of design issues, from protecting waterproof membranes, to disguising exposed surfaces, to providing a usable roof deck. Pedestals are available in heights up to approximately 600mm. Please contact our Technical Specification Department to discuss your plans.



## FINISH

Lastra is manufactured using advanced processing techniques and a unique diamond grinding process to create its ground finish using reconstituted granite aggregates.

## SPACER NIBS

No formed spacer.



Frost Resistant



Pedestrian Use



Abrasion Resistant



Low Potential for Slip

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stock information

## STOCK INFORMATION

Standard product depth	Size (mm)	In Stock	Available Colours	m <sup>2</sup> per pack	Units per m <sup>2</sup>	Units per pack	Unit weight (kg)	Weight per pack (t)	Packs per 8 wheeler	Packs units per lorry
40mm	600 x 400	Yes	Silver / Slate / Sahara	19.2	4.17	80	23	1.84	8	IRE 13 / GB 15

MTO: Made To Order (minimum order quantity for MTO is 600m<sup>2</sup> and lead time is 6-8 weeks).  
Information for a specific colour / depth is available on request from our Technical Specification Department



Frost Resistant



Pedestrian Use



Abrasion Resistant



Low Potential for Slip

## Enduur 1

Enhanced surface colour and reduced efflorescence.

Enhanced mix which increases strength, resistance to wear and tear, longevity and vibrance.

70% less embodied carbon per % of cement replaced.

Helps prevent moss and algae growth and deep staining.

## MANUFACTURING

Lastra flags are manufactured using advanced processing techniques to create its ground finish using reconstituted granite aggregates. PLANT OF MANUFACTURE: Made at our Toome production plant.

## CERTIFICATION

BES 6001  
ISO 9001  
ISO 14001  
ISO 45001  
CE Marking

Responsible Sourcing of Concrete Products (Rating: Very Good) Quality Management.  
Environmental Management.  
Occupational Health and Safety Management.  
Download our Declaration of Performance (DOP) data at: [www.ag.uk.com/resources](http://www.ag.uk.com/resources)

