

Walling

Bradstone Stone Slips



An economical and cost effective reconstructed stone wall cladding product that maintains an authentic natural stone appearance.

- Designed to suit modern construction methods such as cladding panel systems
- Thickness varying from normally 20mm at the edges to 30-35mm in centre depending on relief for a true natural stone effect
- Suitable for both internal and external applications
- Quick and easy to lay
- Minimises on-site wastage
- Eliminates the manual handling and associated issues of traditional stone and brick materials.

Applications

The Stone Slips walling range is suitable for commercial, public and domestic building applications.

Manufacturing standard

The Bradstone walling range is manufactured as a wet cast reconstructed stone product and is compliant to European Standard BS EN 771-5, and complies with Assessment and Verification of Constancy of Performance (AVCP) system 4, Category II Masonry unit.

All Aggregate Industries' products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

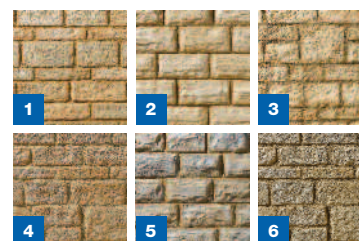
A range of masters is used to avoid noticeable repetition of profiles.

Complementary products

Aggregate Industries' architectural cast stone dressings and reconstructed stone roofing.



Colour swatches



1. Buff (traditional finish)
2. Buff (square dressed finish)
3. Buff (rough dressed finish)
4. Iron Ham (rough dressed finish)
5. Pennine (square dressed finish)
6. Southwold (rough dressed finish)

Stone Slips (traditional)

Course height (mm)	75 Slip	150 Slip	225 Slip
Lengths (mm)	200, 225, 250, 275, 300, 325	200, 225, 250, 275, 300, 325	250, 337
Walling area m ² per pack	4.90	5.30	4.09
No per pallet (based on 525mm units)	114	68	31
Pack weight (T)	0.20	0.26	0.21
Colour available	All	All	All

Stone Slips (rough dressed)

Course height (mm)	75 Slip	150 Slip	225 Slip
Lengths (mm)	200, 225, 250, 275, 300, 325	200, 225, 250, 275, 300, 325	250, 337
Walling area m ² per pack	4.90	5.30	4.09
No per pallet (based on 525mm units)	114	68	31
Pack weight (T)	0.20	0.26	0.21
Colour available	All	All	All

Stone Slips (square dressed)

Course height (mm)	75 Slip	150 Slip	225 Slip
Lengths (mm)	200, 225, 250, 275, 300, 325	200, 225, 250, 275, 300, 325	250, 337
Walling area m ² per pack	4.90	5.30	4.09
No per pallet (based on 525mm units)	114	68	31
Pack weight (T)	0.20	0.26	0.21
Colour available	All	All	All

Stone Slips are supplied in single height/random length packs.
 All dimensions are co-ordinated sizes to include allowance for 10mm joint.
 Pistol blocks are available in 75mm, 150mm and 225mm courses on a MTO basis.

Bradstone Stone Slips



Walling slip



Pistol

Performance

Dimensional tolerance	D1	
Mean normalised strength	>20.0 N/mm ²	
Net dry density	2125 kg/m ³	
Thermal conductivity <small>(based on tabulated values from BS EN 1745)</small>	Internal	1.28 W/mK
	External	1.37 W/mK
Water vapour diffusion coeff	50/150	
Moisture movement	<0.8mm/m	
Water absorption by capillarity	<9.0g/m ² .s ^{0.5}	
Reaction to fire <small>(classified to EN 13501-1)</small>	A1	
Durability <small>In accordance with table 15, PD6697:2010</small>	Frost resistant	
Bond strength <small>(based upon tabulated values from BS EN 998-2 Annex C)</small>	0.15 N/mm ²	

Table 1 - Thermal resistance

Width (mm)	Form	Thermal resistance (m ² K/W)	
		3%	5%
100	solid	0.016	0.015

Table 2 - Unit weights

Width (mm)	Face size	Form	Unit weight* (kg)	Built weight (kg/m ²)
20/35	190 x 65	Solid	0.66	52
20/35	315 x 65	Solid	1.09	52
20/35	190 x 140	Solid	1.41	52
20/35	315 x 140	Solid	2.34	52
20/35	240 x 215	Solid	2.74	53
20/35	327 x 215	Solid	3.69	53
20/35	440 x 215	Solid	5.02	53

*based upon 5% moisture content by volume.



Bradstone Stone Slips

Sustainability and local sourcing

Energy use: Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2016 based on a 2012 base line.

Recyclable: 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

Manufacturing location: produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

Responsible sourcing: Aggregate Industries is the first company in the world to achieve a BES 6001:2008 Responsible Sourcing Certificate from BRE Global. Products are assessed on:

- quality management
- environmental management
- health and safety management
- greenhouse gas emissions
- minimising raw material usage
- labour practice
- biodiversity
- community engagement.

Key aggregate and recycled content

The Bradstone walling range is manufactured principally from naturally occurring aggregates, ordinary Portland cement and colouring pigments, cast in moulds.

Generic green guide rating

There is currently no generic rating for reconstructed stone walling.

Policies

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.aggregate.com

Installation standard

Health and safety: Size for size Aggregate Industries walling is heavier than most facing bricks, making it more comparable with solid wire cut bricks. Though it is generally lighter than limestone and sandstone masonry, due allowance for the weight of the larger blocks should be made when moving, handling and working with the material on site. Special care should be taken when handling and lifting heavy fittings.

Maintenance and cleaning

Aggregate Industries can supply on request advice on general maintenance. Aggregate Industries also offer an anti-graffiti coating service which will protect solid, absorbent and painted surfaces against graffiti attack and other contamination. For more information on the service call our sales office on 01285 646884.

COSHH data

Full COSHH data on the Bradstone walling range of products is available on request. Please call the technical helpline on 01285 646808.

Technical support

Detailed guidance and assistance with the preparation of specification and use of our range of products is available through the sales offices. A free technical service is also available.

Call our technical services on 01285 646808.

North End, Ashton Keynes,
Wiltshire SN6 6QX

Tel: 01285 646884

Fax: 01285 646891

www.aggregate.com



The information contained within this publication was accurate at time of production. However, Aggregate Industries reserves the right to introduce modifications or changes to detail at any time without notice. No charge is levied for this publication or advice therein, and accordingly the company, its employees and authorised agents can accept no liability whatsoever, either indirectly or directly arising from the use of its products in connection with any information or advice contained in this guide.