



Bath Stone Group  
 Stoke Hill Mine, Midford Lane, Limpley Stoke, Bath. BA2 7GP  
 TEL: 01225 723792      EMAIL: [info@bathstone.com](mailto:info@bathstone.com)

## Stoke Ground Base Bed

### Petrographic Description and Mineral Examination:

Stoke Ground Base Bed is an open grained, oolitic limestone with small intermittent shell deposits from the Great Oolite of the middle Jurassic age. Light Buff/Grey in colour which mellows with age, Base Bed is suitable for all types of masonry detailing, cladding, ashlar walling, flooring, fireplaces and building stone.

Stoke Ground Base Bed is traditionally acknowledged as a durable limestone and its performance when used in exposed and weathering areas such as cornices, copings or string courses make it an excellent choice where its working qualities are required.

Base Bed is extensively used in restoration work, commercial and residential new builds throughout the UK and the limestone is mined at approximately 15m below ground and relatively easy to access.

### Block Dimensions:

- Bed Height: 550mm - 750mm
- Block Length: Upto 3500mm
- Block Width: 850mm – 1100mm

### \*BRE Test Data:

Open Porosity	BSEN 1936	22	% BY VOL.
Apparent Density	BSEN 1936	2120	Kg.m-3
Water Absorption [Atmospheric Pressure]	BSEN 13755	9	%
Saturation Coefficient	BSEN 13755	.73	%
Compressive Strength	BSEN 772 – 11	22.9	MPa
Flexural Strength [after freeze thaw]	BSEN 12372	4.3	MPa
Thermal Conductivity [10 dry units]	BSEN 12524	1.7	W[m.k]-1
Reaction to fire	BSEN 13501-1	A1	

***\*All comprehensive British and European Standards test data and declaration of performance for CE Marking application are available on request.***

To discuss Block Stone please contact us using the information above and below.