



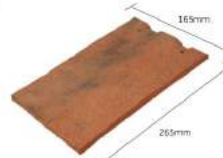
ROSEMARY CLAY CRAFTSMAN TILE
Colour - Hawkhurst with matching clay valley tiles

Rosemary Clay Craftsman

Traditional charm with contemporary quality. Combines the authentic look of a handmade clay plain tile with strength and durability you can rely on. Made in Britain from exceptionally strong and frost-resistant Etruria Marl clay.

KEY ADVANTAGES

- Irregular front edge distortion and varying hanging length
- Replicating look of genuine handmade clay tiles
- Three classic colours



PRODUCT DATA	
Size (overall)	265 x 165mm
Minimum Pitch	35°
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	below 90° 65mm / at 90° 35mm
Maximum Headlap	88mm
Minimum Gauge/Batten Spacing	88mm
Maximum Gauge/Batten Spacing	below 90° 100mm / at 90° 115mm
Hanging Length (overall)	254mm
Cover (all figures are min & do not allow for wastage)	
Linear cover of 1 tile	165mm
Covering capacity	below 90° 60 tiles/m ² / at 90° 52 tiles/m ²
Weight (at max. gauge approx)	
per pallet, including pallet (approx)	below 90° 77kg/m ² / at 90° 67kg/m ²
per 1000	1.10 tonnes
	1.29 tonnes
Battens Required (at max. gauge)	below 90° 10.0m ²
Batten Size	
Rafter centres up to 600mm	38 x 25mm
Nail Size for Slates**	40 x 2.65mm (A/A)
Pallet Quantities	
Tiles per pallet 840	
Tiles per pack 14	
Packs per pallet 60	



SCAN THE QR CODE for more information or to order a tile sample

CONDITION 3 DISCHARGE APPLICATION DRAWING



BMI Group UK Limited, BMI House, 2 Pitfield, Kim Farm, Milton Keynes, MK11 3LW
Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact our BMI Redland Technical Services prior to installation.

STONEMWORK AND MORTAR MIX TO EXTENSIONS AND CART HOVEL

Keep facework clean during construction and until practical completion. ensure that no mortar encroaches on face when laying. turn back scaffold boards at night and during heavy rain. Rubbing to remove marks or stains is not permitted. Facework to start nlt 150mm below fgl of paving or soil except where shown. cut stone only where necessary at jambs, eaves and junctions. Sample panel of stonework to be built for inspection/approval of planning officer is required. The coursed stone rubble walling is to be formed using approved locally quarried limestone which is to be carefully graded by the mason into approximately five different bed depths. All bed and perp joints will be close and tightly formed throughout with simple pointing using a wire brush and rag. Mortar : Use white OPC and lime by Limbux. unless otherwise specified by structural engineer, use mortar mix of 9 sand : 2 lime : 1 cement. Sand to BS 1200. do not use admixtures unless approved by S.O. All materials are to be measured by using clean gauge boxes. proportions are for dry sand - allow for bulking if the sand is damp. Do not use after initial set has taken place, do not re-temper. Adequately protect new walling against snow or rain by suitable covering when precipitation has begun and at completion of days work. Rake out and replace any mortar damaged by frost. NOTE : Any stonework laid below DPC level is to be FL quality

Clipsham Stone
Sawn-on-Bed: honey-toned

- 65mm
- 90mm
- 115mm
- 140mm.

PLANNING CONDITIONS FOR DISCHARGE

3 No development above ground level shall be commenced until precise details of the manufacturer and types and colours of the external facing and roofing materials (including details of the mortar mix) to be used in construction have been submitted to and agreed, in writing, by the Local Planning Authority. Such materials as may be agreed shall be those used in the development. Reason: To ensure that the materials are compatible with the surroundings in the interests of visual amenity and because full details have not been submitted with the application.

4 Prior to the commencement of any work on the site, photographic evidence of the route to be used by construction vehicles along the Byway E117 shall be submitted to and agreed in writing by the Local Planning Authority. The route shall then be inspected again, after completion of the development, and any damage to the highway resulting from traffic movements generated by the application site should be repaired to an acceptable standard and at no cost to the Highway Authority. Reason: In the interests of preserving and maintaining the condition of the Byway.

MORTAR

The lime/sand mix specified is applicable to the new walling to the extensions and the Cart Hovel. The masonry pointing specification (applicable to the existing limestone walling) is specified below;

MASONRY POINTING SPECIFICATION :

- Extent of all existing mortar to be removed, to be agreed with CA before proceeding with the work.
- Depth of raking out in preparation for re-pointing to be at least twice the height of the joint and, in any case, not less than 30mm.
- Lime-based mortar to be removed by hand or with a churn brush or by scraping (not striking) a chisel across the joint.
- Cement based mortar to be removed by scraping with a chisel where mortar is loose. Where mortar is not loose the Contractor is to provisionally allow for executing a sample panel as directed by the architect and removal with a hammer and chisel (in the event stonework may be harmed more by its removal than being caused by the mortar itself, the mortar will be left).
- Do not use mechanical chisels, angle grinders, etc. to remove existing mortar.
- Remove all loose particles from joints and all organic growth (lichen, moss, etc.) from area of stone immediately adjacent to joint (25mm nom).
- Thoroughly dampen down masonry with limewater before re-pointing with lime mortar allowing a period for free water to dry out. As necessary, repeat dampening down of unpointed areas as the work proceeds to ensure masonry is damp when repointed.
- Allow for executing sample panels of pointing to a standard approved by the Supervising Officer prior to commencing the works.
- Point up raked out joints ensuring that mortar is forced well into joints to fill all voids. Face of mortar to be finished just proud of flush with surrounding stone and filling deeper recesses in face of stones.
- Where joints are large (i.e., deeper or wider than 30mm), it may be necessary to point up in more than one application (to avoid slumping of mortar or excessive shrinkage) allowing each application to dry to a semi-set condition before applying more mortar.
- Mortar joints to be finished flush with surrounding stone with surface of joint lightly tapped with a brush when mortar is semi-set (i.e., when mortar surface can still be worked with a brush but without leaving brush marks in the surface of the mortar or smearing mortar onto surrounding stone).

Re-pointing mortar - adopt the following :

- Mortar mixed using a gauging box, 1 : 2 1/2 - lime : sand.
- Sand to be 50% Gibbons sharp sand and 50% Gibbons builders' sand, subject to approval of sample panels.
- Lime to be 1 Chalkhill lime putty.
- Mortar to be mixed on site, mix up enough lime/sand mortar at start of contract to complete the work. All coarse-stuff mortar (whether mixed on site or supplied to site) to be stored in plastic tubs (or dustbins) or on timber sheeting and protected from the weather and contamination by polythene sheeting/damp Hessian. Coarse-stuff to be re-mixed immediately before use.
- If winter work is carried out it is permissible to use hydraulic lime - avoid this if possible. If required, lime would be hydraulic lime hydrate (NHL 3.5) from Hydraulic Lias Limes Ltd, Melmouth House, Abbey Close, Sherborne, Dorset DT9 3LH (Tel: 01935 817220).

GENERAL

No work to commence until all statutory approvals have been obtained. All dimensions are to be checked on site by contractor prior to the commencement of work. Drawings have been prepared solely for the procurement of statutory approvals. All dimensions are in millimeters. All levels shown are in metres. No work is to commence on site until all structural calculations have been approved by the appointed Building Control authority. Any alterations to the design are to be formally agreed with the Local Authority Planning Department if Town and Country Planning Act legislation applies. Exact boundary positions are to be determined by reference to the Title Plans and Title documents to the property. The entire structure is to be built within the legal boundaries of the site with any encroachments over any boundaries formally agreed with adjoining property owners.

NOTES

This drawing is to be read in conjunction with all relevant project drawings and specifications. Do NOT scale from this drawing or any other prepared by JDA in connection with this project. Use figured dimensions only. All levels and dimensions to be checked on site. All level and dimensional discrepancies are to be brought to the immediate attention of JDA. This drawing is copyright and may not be altered, traced, copied, photographed or used for any purpose other than for which it has been issued without written permission of the copyright holder. Responsibility cannot be accepted for alteration and/or deviation from this design without prior acknowledgement of JDA. Copyright retained in accordance with the copyright design and patents act 1988. This drawing may only be used for the client and location specified in the title block. It may not be copied or disclosed to any other third party without prior written consent from JDA. The Contractor is to check all dimensions on site and report any discrepancies PRIOR TO commencing work. All details shown on this drawing are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions unless they have been reported in detail so that design amendments may be considered. All relevant dimensions and levels to be ascertained or checked and verified on site before specific areas of work are commenced. All works and materials are to be in full accordance with current British Standards, Building Regulations, Agreement Certificates and Manufacturers printed instructions. All Building Regulations inspections are to be carried out at the appropriate stages of work. This drawing is to be read in conjunction with clients specification/employers requirements and structural engineers design.

CDM REGULATIONS 2015

The client must abide by the Construction Design and Management Regulations 2015. The client must appoint a contractor, if more than one contractor is to be involved, the client will need to appoint (in writing) a principal designer (to plan, manage and coordinate the planning and design work) and a principal contractor (to plan, manage and coordinate the construction and ensure there are arrangements in place for managing and organising the project). Domestic clients The domestic client is to appoint a principal designer and a principal contractor when there is more than one contractor, if not your duties will automatically transferred to the contractor or principal contractor. The designer can take on the duties, provided there is a written agreement between you and the designer to do so. The Health and Safety Executive is to be notified as soon as possible before construction work starts if the works: (a) Last longer than 30 working days and has more than 20 workers working simultaneously at any point in the project. Or: (b) Exceeds 500 person days. JDA are appointed as 'Designer' only, unless appointed by the client in writing to confirm JDA's role as 'Principal Designer'



**Proposed Alterations and Extensions
at Mill Cottages, Mill Lane
Empingham LE15 8QE**

Drawing Title : Materials - 2023/0382/FUL

Client : Mrs. R. Griffin

Date APRIL 2024

Scale NTS at A3

Drawing No JDA/2024/20.2100.WD.MATERIALS/001

**John Dickie Associates
Chartered Building Engineers
5, Victor Way, Cherry Holt Road,
Bourne, Lincs PE10 9PT
Tel 07778 297733 jda@ndirect.co.uk**

New Floor to Cottage and Outbuilding
Limecrete 'slabless' system is specified. Following excavation (hand dig only allowed) to formation level, lay 100mm of RFG (Recycled Foam Glass aggregate) on a geotextile membrane on firm subsoil. DPM is not allowable. Install a geotextile membrane below and above the RFG layer. Finish with an 80mm Limecrete (or Secil NHL5 2/1 mix) Screed. Insert cork board perimeter insulation at abutment wall masonry walling.

Prior to the hand dig excavation for the new floor, trial holes are to be dug to expose the existing footings (and fdns) to the external stone walls to ensure that the overall floor excavation does not compromise the substructure.



Coursed Rubble Walling



Coursed Rubble Walling



Clipsham Ashlar with
Coursed Rubble Walling



Clipsham Ashlar

