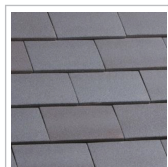
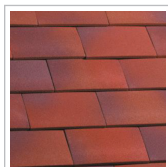


Hawkins - Clay Plain Tile

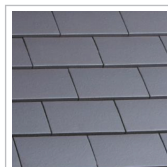
Tile Design	Hawkins Plain Tile
Minimum Pitch	30°
Maximum Pitch	90°
Size of Tile	265mm x 165mm
Minimum Headlap (Max Gauge)	65mm – Roof (100mm) 35mm – Vertical (115mm)
Tile Thickness	11mm (nominal)
Cover width	165mm (nominal)
Covering Capacity (net)	100mm gauge - 60 tiles/m ² - Roof 115mm gauge - 53 tiles/m ² - Vertical
Weight of Tiling	100mm gauge - 64kg/m ² (0.63 kN/m ²) - Roof 115mm gauge - 56kg/m ² (0.55 kN/m ²) - Vertical
Quantity Per Pallet	Main Tiles - 1260 Eaves/Tops Tiles - 1500 Tile-and-a-half - 756
Battens Required	100mm gauge - 10.0 lin.m/m ² - Roof 115mm gauge - 8.7 lin.m/m ² - Vertical
Recommended Batten Size	38mm x 25mm for rafters not exceeding 600mm centres (Fixed to BS5534)
Underlay	Universal Vapour permeable underlay (MA33150) Universal Non vapour permeable underlay (MA33145)
Tile Colours Available	Staffordshire Blue (F) (MAKE306AB) Dark Heather (F) (MAKE302AB) Blue Smooth (S) (MAKE308AB) Staffordshire Mix (F) (MAKE303AB) Fired Sienna (T) (MAKE311AB) S – Smooth Finish F – Fine Sanded Finish T – Textured Finish



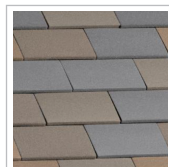
Staffordshire Blue
MAKE306AB



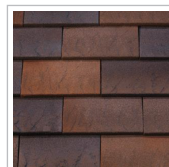
Dark Heather
MAKE302AB



Blue Smooth
MAKE308AB



Staffordshire Mix
MAKE303AB



Fired Sienna
MAKE311AB

Hawkins - Clay Plain Tile

Ventilation

Ventilation

25mm Eaves/Low Level Ventilation (MA46351) Warm Roof
10mm Eaves/Low Level Ventilation (MA46350) Cold Roof
Universal Ridgefast System Warm/Cold Roof
Universal HipFast System (MA53400) Warm/Cold Roof
Clay In-Line Vent Tile (MAKE---ZICVB)
Clay in line vent adaptor (MAGL902ZVPAB)
Universal Plain Contour In-Line Tile Vent Terminal (MA45500)
Flexible pipe (MA39091)

Base Layers

Underlay

Universal Vapour permeable underlay (MA33150)
Universal Non vapour permeable underlay (MA33145)

Batten

JB Red – 38mm x 25mm for rafters not exceeding 600mm centres. (Fixed to BS5534)

Verge

Verge

LH Cloaked Verge (MAKE---ZLVTB)
RH Cloaked Verge (MAKE---ZRVTB)

Undercloak – Mortar Bedded

Plain Tile Undercloak – 38mm - 50mm Overhang
Fibre Cement Undercloak – 38mm - 50mm Overhang

Dry Verge

Plain Tile Dry Verge System (MA38501)
Fixing kit (MA38510)

Eaves

Eaves and Top Course

Eaves/Tops Tiles (MAKEXXXCB) – Undercourse/Finishing Course

Hawkins - Clay Plain Tile

Abutment

Side Abutment	FlexFast Lead replacement roll (MA42610/MA42611) FlexFast Trim (MA42345) Dry Fix Soakers LH (MA30478) RH (MA30479) Lead soakers and step Flashing in accordance with ¹ LSTA
Top Edge Abutment	FlexFast Lead replacement roll (MA42610/MA42611) FlexFast Trim (MA42345) Lead Flashing in accordance with ¹ LSTA

Ridges

Ridge - Dry Fix	UNIVERSAL RidgeFast (MA53300) Warm/Cold Roof RidgeFast/HipFast union pack 6 No. (MA53303) 305mm Half Round Ridge (MAKEXXXZHRDB) 305mm half Round Ridge Stop End (MAKEXXXZHSEB)
Ridge - Mortar Bedded	All Clay and Concrete Ridge Tiles – Pitch Dependant Mortar Bedded Security Ridge Fixing Kit (MA54365)
Mono-Ridge – Mortar Bedded (no dry-fix solution)	Mono Pitch Ridge Tile – 35° - 45° Mechanical fixing via 2no screw holes to rear of tile

Hawkins - Clay Plain Tile

Hips and Valleys

Hip – Mortar Bedded	Mitred Hip with Soakers 35° - 60° Granny Bonnet Hip (MAKEXXXZGBHB) Tiles 40° - 60° Semi Bonnet Hip Tiles (MAKEXXXZSBHB) 35° - 40° Arris Hip Tiles (MAKEXXXARHB) 35° - 45° 305mm Third Round (MAKEXXXZTRTB) 35° - 45° 305mm Plain Angle 90°-105° (MAKEXXXPARB) (internal angle) 450mm Plain Angle 90°-135° (MAKEXXXPAFB) (internal angle)
Hip – Dry Fix	UNIVERSAL HipFast (MA53400) Universal HIPFast sisupport tray (MA34002) RidgeFast/HipFast union pack 6 no. (MA53303) 305mm Third Round Hip (MAKEXXXZTRTB) 305mm Third round hip end (MAKEXXXZTHEB)
Valley	Universal GRP Dry Valley – Low Profile 35° - 60° (MA30422) Mitred Valleys with Soakers 50° Valley Tiles – 35° - 50° pitch/130° - 150° angle Laced/Swept Valley 45° min
Fittings	Tile and Half Tiles (MAKEXXXBB) Eave/Top Tiles (MAKEXXXCB)
Bonding Gutter	Bonding Gutter – Low Profile (MA40471)

Fixings

Fixing	Due to several factors including, but not limited to, location and building design, a bespoke Roof Fixing Specification must be obtained. All perimeter tiles must be twice fixed in accordance with BS 5534.
Clips	Valleys - Secret Cut Tile Clip (MA43607)
Nails	38mm x 2.65mm (MA30348) If in a coastal local stainless steel nail may be required.

Hawkins - Clay Plain Tile

Feature Tiles & Decorative Ridges	
Decorative Ridges	Red Smooth Only Club Crested Ridge (90° & 105°) (MAKE001XCCRB) Cocks Comb Crested Ridge (90° & 105°) (MAKE001XCCCB) Two Hole Crested Ridge (90° & 105°) (MAKE001XTHCB) Fleur-De-Lys Half Round– Finial Mortar Bedded (MAKE001ZHFDDB) With extension piece (MAKE001ZHFXB) Ball Top Half Round Finial – Mortar Bedded (MAKE001ZHBTB) With extension piece (MAKE001ZHBXB) Scroll Half Round Finial – Mortar Bedded (MAKE001ZHSFB) Red smooth and Slate Black Fleur-De-Lys Angle Finial 90° & 105° – Mortar Bedded (MAKEXXXFDFB) With extension piece (MAKEXXXFDXB) Ball Top Angle Finial 90° & 105°– Mortar Bedded (MAKEXXXBTFB) With extension piece (MAKEXXXBRXB) Scroll Angle Finial – Mortar Bedded (MAKEXXXSCFB)
Feature Tiles	External Vertical Angle Tile – RH/LH (MAKEXXXEARB/MAKEXXXEALB) Creasing Tile – Red Smooth Only (MAKE320AB)
*Maximum 4 courses then min 4 course plain tiles	* Bullnose Feature Tile – 35°-90° (MAKEXXXAB) * Bullnose Feature Gable – RH/LH (MAKEXXXRB/MAKEXXXLB) * Club Feature Tile – 35°-90° (MAKEXXXAB) * Club Feature Gable – RH/LH (MAKEXXXRB/MAKEXXXLB)

Hawkins - Clay Plain Tile

Other	
Useful Links	CAD Details Roof Fixing Specification Product Catalogue BIM Standards & Certificates Request a sample
Sustainability	A+ rated in the BRE Green Guide (based on the generic rating for UK produced clay plain tiles Element ref: 81240006) BES 6001 Responsible Sourcing Certified Carbon Footprint Measurement
Authority	BS EN 1304
British Standards	BS 5534 – Slating and tiling for pitched roofs and vertical cladding – Code of practice BS 5250 – Code of practice for control of condensation in buildings BS 8000-6 – Workmanship on building site – Code of practice

*Some product codes have been published, if you require a code which isn't present please contact our Technical Team on 01283 722230

** This publication is based on the latest data available at the time of printing. Due to product changes, improvements and other factors, the Company reserves the right to change or withdraw information contained herein without prior notice. For specific applications users should refer to the Technical Advisory Service and relevant Standards and Codes of Practice for guidance. The photography shown in the document should not necessarily be taken as recommendations of good practice. The printing process restricts the exact representation of colours. For true colour reference, please request product samples.

¹L TSA – Lead Sheet Training Academy