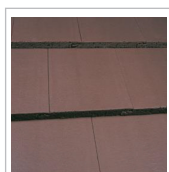


Modern – Concrete Interlocking Tile

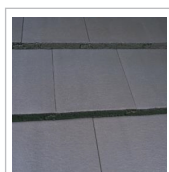
Tile Design	Modern Concrete Interlocking Tile
Minimum Pitch	17.5° Headlap (100mm) Smooth 22.5° Headlap (75mm) 25° Headlap (100mm) Granular 30° Headlap (75mm)
Maximum Pitch	90°
Size of Tile	420mm x 330mm
Minimum Headlap (Max Gauge)	75mm (345mm) 100mm (320mm)
Tile Thickness	30mm (nominal)
Cover width	292mm (nominal)
Covering Capacity (net)	75mm Headlap – 9.9 tiles/m ² 100mm Headlap – 10.7 tiles/m ²
Weight of Tiling	75mm Gauge – 50kg/m ² (0.49 kN/m ²) 100mm gauge – 54kg/m ² (0.53 kN/m ²)
Quantity Per Pallet	Modern Tiles – 192
Battens Required	75mm gauge – 2.9 lin.m/m ² 100mm gauge – 3.1 lin.m/m ²
Recommended Batten Size	38mm x 25mm for rafters not exceeding 450mm centres 50mm x 25mm for rafters not exceeding 600mm centres
Underlay	Vapour Permeable (MA33150) Non Vapour Permeable (MA33145)
Tile Colours Available	Smooth Brown (S) (MA10452) Anthracite (S) (MA10438) Smooth Grey (S) (MA10428) Antique Brown (S) (MA10420) Old English Dark Red (S) (MA10480) Mosborough Red (S) (MA10439) S – Smooth Finish G - Granular



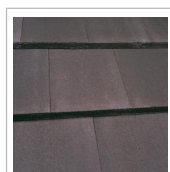
Smooth Brown
MA10452



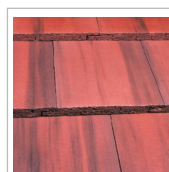
Anthracite
MA10438



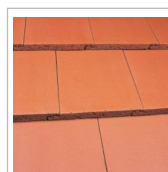
Smooth Grey
MA10428



Antique Brown
MA10420



Old English Dark
Red MA10480



Mosborough Red
MA10439

Modern – Concrete Interlocking Tile

Ventilation	
Ventilation	Universal 25mm Eavesl Vent System (MA46351) Warm Roof Universal 10mm Eaves Vent System (MA46350) Cold Roof Universal Ridgefast System (MA5300) Warm/Cold Roof Ventilated Dry Ridge Warm/Cold Roof Ridge Vent Terminal Warm/Cold Roof Modern Concrete Tile Vents (MA29500) Modern Contour Tile Vent (MA45100) Universal Tile Vent (MA3670) Gas Vent Ridge Terminal (MA25600) Gas Vent Ridge – For Condensing Boiler Only Segmental (MA25400) Modern (MA25500) Flexible Pipe (MA39091) Universal HipFast System (MA53400)

Verge	
Undercloak – Mortar Bedded	Mortar Bedded with Verge Clips LH (MA30290)/RH (MA30290)
Cloak Verge	Modern Cloak Verge LH(MA37100) RH (MA37000) Modern cloak verge half tile (MA37200) Modern fixing kit (MA53730)
Dry Verge	Universal Dry Verge LH (MA39100)/RH (MA39200) Segmental Ridge End Cap (MA39500) Modern Ridge end cap (MA39400) Segmental mono ridge end cap LH (MA42700)/RH (MA42800) Modern mono ridge end cap LH (MA40800)/RH (MA40900)

*Modern should be laid broken bond. The required broken bond pattern is created by the introduction of half slates, to form verges and abutments in alternate courses. Purpose made half slates are available and can be formed on site by cutting along the scoreline.

Modern – Concrete Interlocking Tile

Eaves

Eaves	Universal 10mm Eaves vent system (MA46350) Universal 25mm Eaves vent system (MA46351) Eave clip and nail pack (MA30273)
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Abutment

Abutment	Step and Cover Flashing Secret Gutter FlexFast Lead Replacement Roll (MA42600) Top Abutment Vent System – Low Level Dry Soakers LH (MA30476)/RH (MA30477)
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Ridges

Ridge - Dry Fix	UNIVERSAL RidgeFast (MA53300) Ventilated Dry Ridge System – multiple components required Modern Ridge Tile (MA20900) / Segmental Ridge Tile (MA20600) / 90° angle ridge/hip tile (MA28100) Modern stop end ridge tile (MA37400) / Segmental stop end ridge (MA19100) / 90° angle ridge stop end (MA47100) Modern Ridge end cap (MA39400) / Segmental Ridge end cap (MA39500)
Ridge - Mortar Bedded	Modern Ridge Tile (MA20900) / Segmental Ridge Tile (MA20600) / Concrete Plain Angle Ridge – pitch dependant Modern stop end ridge (MA37400) / Segmental stop end ridge (MA19100) Mortar Bedded Security Ridge Fixing Kit (MA54365)
Mono-Ridge – Mortar Bedded	Ventilated dry ridge system – multiple components required Segmental mono ridge tile (MA22500) Segmental mono stop end ridge LH (MA18900) Segmental mono stop end ridge RH (MA19000) Segmental mono ridge tile (MA22500) / Modern mono ridge tile (MA23000) Segmental mono stop end tile LH (MA18900)/RH (MA19000) Modern mono stop end tile LH (MA37500)/RH (MA37600) Mechanical fixing via 2no screw holes to rear of tile

Modern – Concrete Interlocking Tile

Hips and Valleys	
Hip – Mortar Bedded	Modern Ridge Tile (MA20900) Third Round Concrete Hip Tile (MA28900) 125° Concrete Plain Angle Ridge Tile – 15° - 25° 90° Concrete Plain Angle Ridge/Hip Tile – 45° - 50°
Hip – Dry Fix	UNIVERSAL HipFast (MA53400) Universal HipFast support trays (MA34002) Third round hip tile (MA27900) / Third Round stop end hip tile (MA29100) Modern Ridge tile (MA20900) / Modern stop end hip tile (MA29100) Dry Hip System – Multiple components required
Valley	Universal GRP Dry Valley – Low Profile (MA30420) 15° and above only Lead Valley in accordance with LSTA ¹
Other products	Third Round/ Modern Hip Apex Cap – Pitch Dependant Bonding Gutter – Low Profile (MA40470)

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	Modern Solofix (MA30440) Secret Cut Tile Clip (MA43607) Verge Clips & Nails (MA30290) Eaves Clip (MA30273) Batten End Clips (MA30214)
Nails	50mm x 3.35mm (MA30350) If in a coastal location stainless steel nails may be required.

Modern – Concrete Interlocking 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 BES 6001 Responsible Sourcing Certified Carbon Footprint Measurement
Authority	BS EN 490
British Standards	Installation in accordance with BS 5534 Ventilation must be in accordance with BS 5250 Workmanship must be in accordance with BS 8000-6 Installation in accordance with BS 8612

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

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¹L TSA – The Lead Sheet Training Academy