



Specialists in Lightweight Roofing

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TAPCO[®] ROOFING
PRODUCTS

STRONG • VERSATILE • LIGHT • RECYCLABLE



TAPCO SLATE®

The high point of a beautiful home

For centuries, slate roofing has been desired for its durability and beauty. With authentic surfaces and edges, TapcoSlate highlights the handsome character of slate, at the same time enhancing roof performance through innovative design. Unlike natural slate, TapcoSlate won't break or delaminate.

TapcoSlate gives you the power to evoke both historical elegance and outstanding modern-day style. Our slates are created with moulds cast from real slate to capture genuine peaks, plateaux and curves. Colour-through design and UV stabilisation ensure "stay-true" richness for traditional colours such as Pewter Grey and Plum, bold tones like Brick Red and unique selections such as Chestnut Brown and Grey/Black blended tiles.



- **Lightweight** – as low as 12kg per sq metre.
- **Authentic slate appearance** – combines the beauty of slate with modern technology.
- **Easy to install** with pre-marked nailing and exposure guides, plus horizontal spacers. Easily cut with a fine-toothed saw or sharp utility blade.
- **No breakages** – TapcoSlate will not crack, split or break if dropped or walked upon.
- **Can be used on roof pitches as low as 14 degrees** (refer to our installation guide for details).
- **Random edges and patterns** with constant colour throughout.
- **Built in camber** for tighter fit.
- **No sorting, clipping or drilling.**
- **40-year Warranty⁺**.
- **Fully tested to BBA Standards**, including fire rating, wind, driven snow & rain, and water absorption.



The Pavilion at Whitby*



*Other product photographs are available to view on our website: www.tapcoroofingproducts.com/photo-gallery

Pitch, Gauge and Coverage

ROOF PITCH	GAUGE	SLATES PER M ²
14* to 22.5 degrees (fully boarded)	6" (152mm)	22
22.5 to 25 degrees (fully boarded or felt & battens)	6" (152mm)	22
25 to 27.5 degrees (fully boarded or felt & battens)	6.5" (165mm)	20
27.5 to 30 degrees (fully boarded or felt & battens)	7" (178mm)	19
above 30 degrees (fully boarded or felt & battens)	7.5" (191mm)	18

* The minimum recommended pitch and lap may be influenced by special circumstances, please contact our technical department for advice.

Note: Advice from our technical department should also be sought when installing on high buildings and/or in exceptionally windy areas.

Technical Information

- **CONSTRUCTION:** Manufactured from a recyclable blend of limestone and polypropylene.
- **SIZE (SLATE):** 17.5" x 11.6" (445mm x 295mm)
- **WEIGHT (SLATE):** Nominal 0.7 kgs.
- **SIZE (RIDGECAP):** 5.9" x 17.5" (150mm x 445mm)
- **WEIGHT (RIDGECAP):** Nominal 0.7 kgs.
- **RIDGE:** 5.5 per linear metre
- **HIP:** 5.5 to 6.5 per linear metre (depending on gauge)
- **PACKAGING:** Pallet: 1600 slates (1.04 tonnes)
Bundle: 25 slates (16.25kg)
- **BATTEN SIZE:** 2" (50mm) by 1" (25mm) treated battens (minimum).
- **MAXIMUM PITCH:** 90°
- **FIXING:** Large-headed galvanised 1.2" (30mm) by 0.1" (2.5mm) steel nails (using hammer or nail-gun). Aluminium or copper nails may also be used, but driving them through the slate may cause bending. Longer 3" (76mm) nail required for fixing ridges and hips.
- **CUTTING:** Fine-toothed handsaw, jigsaw, circular saw, or sharp utility blade.
- **STORAGE/TEMPERATURE:** TapcoSlates must be conditioned at a temperature no lower than 7°C for twenty-four (24) hours prior to use. TapcoSlate may be installed at temperatures as low as 0°C but must be hand fastened, Tapco recommends fastening via a pneumatic gun should be made in temperatures above 7°C.

Ratings and Certification

- **FIRE RATING:** BS476 Part 3, Boarded Roof SAA, Battened Roof SAC.
- **HAIL RATING:** Class IV.
- **WIND-DRIVEN RAIN/WIND UPLIFT:** Miami Dade TAS-100 (110 mph wind-driven rain) No water infiltration through sheathing. No slate cracked, split or lifted.
- **ICC:** ESR-2745.
- **TEXAS DEPARTMENT OF INSURANCE:** #RC-155.
- **FLORIDA BUILDING CODE:** PDM 7479.
- **ACCELERATED ULTRA VIOLET EXPOSURE:** Slate exhibited virtually no fade and with no trace of cracking or splitting.
- **FREEZE-THAW CYCLE:** No signs of damage or cracking after 300 cycles.
- **WATER ABSORPTION:** No appreciable weight gain.
- **WATER PERMEATION:** Slate shown to be impermeable.
- **TEMPERATURE CYCLING:** No signs of cracking, curling, deformation, or visible expansion.
- **WARRANTY:** 40-year[†].



For more details on British Board of Agreement (BBA) Certification, visit:
<http://www.bbacerts.co.uk/>

A Rich Palette

TapcoSlate offers a vast array of rich colour selections, encompassing both time-tested hues and new, vibrant ideas. The versatility of TapcoSlate offers a choice of a single colour for a saturating richness, a blended colour for stunning dimension, or a hand-mixed variety of slate colours to present exclusive custom kerb appeal.

Traditional Slate Colours



801 Stone Black



804 Pewter Grey



706 Plum



709 Brick Red



712 Chestnut Brown

Please note: Traditional Slate Colours are stocked in our warehouse. Actual colours may vary from printed representation, samples are available on request.

Packed in Units of 25 for Easy Roof Loading

Alternative Slate Colours



803 Mist Grey



806 Brandywine



809 Red Rock



814 Olive



815 Sage Green



718 Grey/Black Blend



CR-730 Evergreen



CR-731 Ash Grey



CR-732 Granite



CR-733 Graphite

“With uncommon, dynamic style, TapcoSlate Mixes feature a variety of beautifully balanced colour to turn a roof into a work of art.”

Mixes



788 Nottingham



789 Concord



790 Coachman



791 Brunswick



CR-792 Wintergreen

Please note: Alternative Slate Colours, Blends, and Mixes are special order only and are subject to a 20-bundle (500 slates) minimum order quantity, please contact us for availability/delivery times. Actual colours may vary from printed representation, samples are available on request.





TAPCO SHAKE®

The height of innovation

TapcoShake has beautifully achieved what was once impossible – creating a synthetic shake that is easy to love and without maintenance. There is none of the notorious rotting, cracking, splitting or chemical treating that natural cedar often regularly requires. Instead, the roof is extremely durable and fire risk is minimised with our top-level Class A* fire resistance, especially noteworthy for communities prohibiting cedar roofs or requiring Class A roof systems.

TapcoShake's proprietary finishing delivers delicate shade variations with authenticity that is harmonious and natural to the eye. Our shakes' sublime, unified colour is factory-collated along with the correct proportions of our 10" (254mm), 7.5" (190mm) and 5" (127mm) shake widths to give you the ideal shake roof.

*US Class A fire labeling means the product has been tested by HPVA under the ASTM E84 tunnel test guidelines and has achieved a Flame Spread index of Class A with a rating of 25 or less and a Smoke Developed Index of 50 or less.

(751 Cedar Brown Shown)



(752 New Cedar Shown)



TapcoShake's proprietary shade variations with authenticity that is harmonious and natural to the eye.

Tapco® Roofing Accessories for Slate & Shakes

Slate Cowl Vent

Suitable for all pitches. Adaptor available for connecting pipework, cambered profile for tighter fit, aesthetically pleasing, easy installation (no clips), robust (no breakage), driving rain resistant, with 10k airflow.



Slate Hip and Ridge Caps

Universal fitment. TapcoSlate ridges and hips have a degree of flexibility when fixing.



Slate Vent Adaptor

For adapting round vent pipe to fit the square Slate Cowl Vent fixture.





Shake finishes



750 Weathered Gray

751 Cedar Brown

752 New Cedar

753 Aged Cedar

Please note: TapcoShake is available as special order only, please contact us for availability/delivery times. Actual colours may vary from printed representation, samples are available on request.



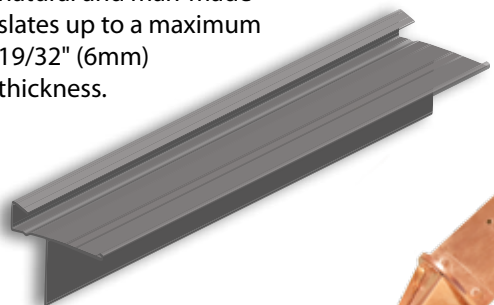
(750 Weathered Gray Shown)

Proprietary finishing delivers delicate with authenticity that is harmonious eye.

Shake

Slate Dry Verge

Slate Dry Verge System, designed for use with most natural and man-made slates up to a maximum 19/32" (6mm) thickness.



Slate CapMaster®

Simultaneously protects and beautifies, while helping to eliminate stack vent leaks.



Slate Ridge Vent

RidgeMaster® Plus offers integral ridgeline ventilation, mechanically fixed in conjunction with Tapco ridge and hip tiles.



Shake Hip and Ridge Caps



Slate Snow Guards

Snow guards prevent dangerous snow and ice slides by holding snow on the roof allowing it to melt slowly and fall in small pieces.





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