



® TAPCOSLATE



® TAPCOROOFING  
PRODUCTS

*Simply perfect  
for every roof!*



**SELECT  
SHAKE**





*DaVinci Select Shake is  
engineered to look  
better for longer!*

*Thick construction,  
deep grooves and  
realistic grain patterns  
combine to create  
dramatic shadows  
and visual richness.*

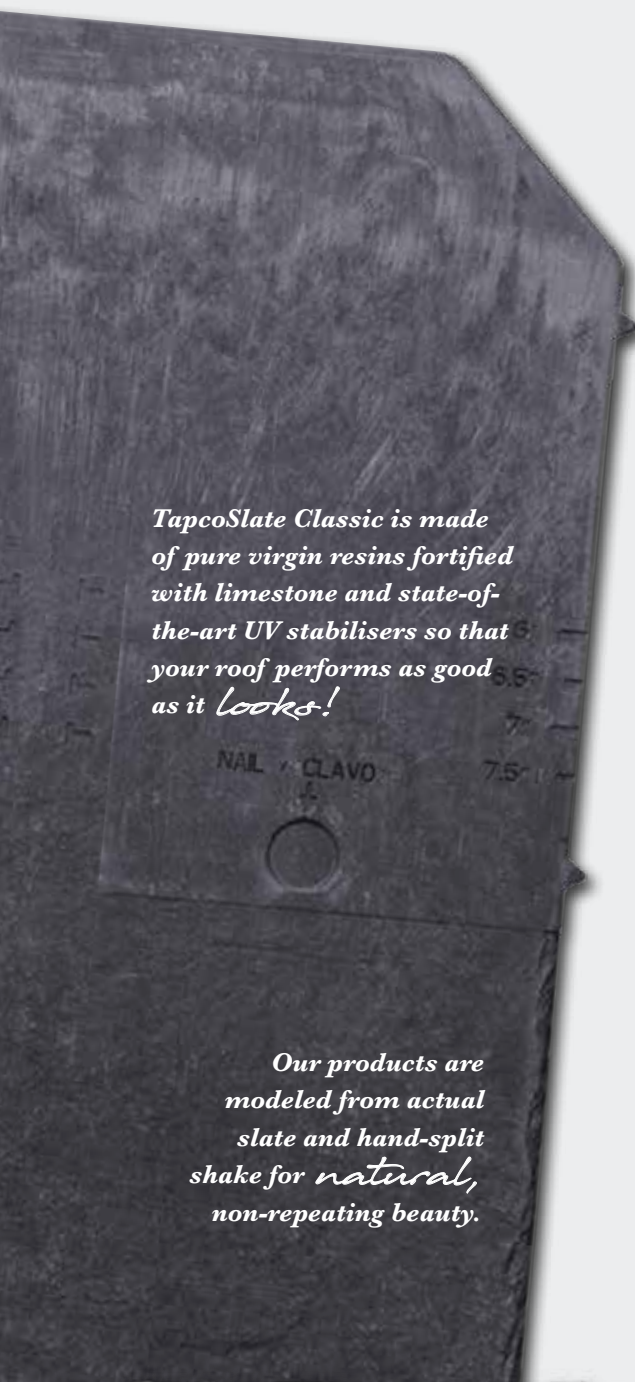
*The look of real cedar  
wood roofing, but  
without the constant  
maintenance!*



*Realistic chisel marks  
add a hand-crafted  
finishing touch.*

## vs. NATURAL CEDAR

*The long-hailed performance attributes of cedar shake roofing have long disappeared along with the old-growth trees. Rotting, cracking and curling is now inevitable with current stocks. In most climates, cedar shake has a lifespan comparable to (or even less than) asphalt shingle. DaVinci composite tiles give you the look you love with superior durability for incredibly low maintenance and a vastly improved lifespan.*



# BEHIND THE BEAUTY IS PURE *Genius*

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Mother Nature's fury is universal, always presenting challenges to the exterior of your home.

With the damaging effects of sun, hail, gale-force winds, object impacts and freeze-thaw cycles, roofing materials are at odds with the weather all-year-round. The unique composite construction of TapcoSlate Classic and DaVinci Select Shake outperforms both natural slate and cedar shake with British & European Standard Fire Ratings, the highest Class 4 Impact Rating and 110 mph Wind Resistance. But the real genius lies in their ability to provide lasting beauty and a constant source of pride for both homeowner and contractor.

Unlike competitors, our state-of-the-art, composite tiles are made from virgin resins, which gives us the greatest degree of colour control and consistency in the manufacturing process... we know just how they will perform on your roof, at any time. This is why we can offer such a long 40-year warranty!

Being made from virgin resins makes our tiles, at the end of their very long lifecycle, 100% recyclable.

*Beauty made to last!*

## vs. NATURAL SLATE

*Natural Slate tiles, along with clay and concrete, are not immune to the ravages of time... Its tiny fissures make natural slate susceptible to damage by freeze-thaw cycles as well as impact from objects including hail, branches and other solid objects. TapcoSlate Classic defies these elements, giving decades of enduring and worry-free beauty.*





BBA APPROVED



TAPCO SLATE  
PEWTER GREY

# *Slate...but not as you know it.*

Historically, achieving the luxurious look of natural slate hasn't been easy. The cost, the weight and the required army of skilled tradesmen made the installation process complicated and costly. Thanks to the genius of TapcoSlate, the look of slate is more attainable than ever!



COACHMAN MIX 790



STONE BLACK 801



PEWTER GREY 804



RED ROCK 809

CHECK ONLINE  
FOR OUR  
SPECIAL-ORDER  
COLOURS



OLIVE GREEN 814



BRICK RED 709



PLUM 706



CHESTNUT BROWN 712

*TapcoSlate is ideal for:*

Modular Homes • Conservatories • Outdoor Living • Self Build • List & Conservation

Printed colours may vary from actual representation, always use physical product samples for colour selection. FREE samples are available on request.





**SELECT  
SHAKE**



**BBA APPROVED**

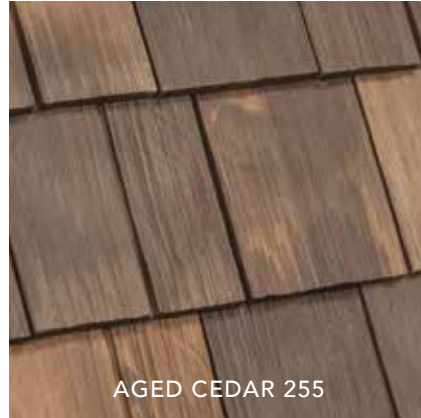


*Shake...without  
the maintenance.*



# *Timeless beauty for every home.*

If you love the look of cedar shake roofing, there's no reason to shy away from it. Whether you're building a new home or replacing an existing roof, DaVinci Select Shake eliminates the pesky concerns of ongoing maintenance and lets your heart get exactly what it desires!



AGED CEDAR 255



BLACK OAK 271



AUTUMN 263



DAVINCI SELECT SHAKE  
BLACK OAK

Finished look creates the appearance of 4", 6", 8" and 10" wood shakes

# THE *Complete* PACKAGE

Complete your roofing project, big or small, with our range of specialised accessories built for enhanced performance.



Classic Slate Ridge & Hip Cap  
(Available in All Stocked Colours)



Classic Slate Ridge-to-Hip Junction  
(Available in All Stocked Colours)



Classic Slate Ridge End Cap  
(Available in All Stocked Colours)



Classic Slate Edwardian Conservatory  
Hip End Cap  
(Available in All Stocked Colours)



Classic Slate Victorian Conservatory  
Hip End Cap  
(Available in All Stocked Colours)



Classic Slate 2M Length Dry Verge  
(Black Base Colour)



Dry Verge Apex Units  
(Aluminium with Black Base Colour)



Select Shake Ridge & Hip Cap  
(Available in All Stocked Colours)



Select Shake Starter Tile  
(Available in All Stocked Colours)



Select Shake 2M Length Dry Verge  
(Black Base Colour)



Dry Verge Joining Clip  
Universal for Both Dry Verge Sizes  
(Black Base Colour)

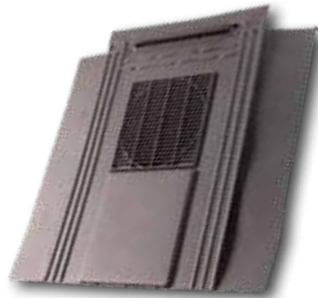
*Our accessories are built to last from our TapcoSlate & Select Shake material or from ABS (Acrylonitrile Butadiene Styrene), heavy-duty plastic!*



# Ventilation, membrane & fixings



Classic Slate Inline Vent  
Adapter 110mm Round Pipe  
(Black Base Colour)



Classic Slate Inline Vent  
10,000mm²/m Ventilation  
(Black Base Colour)

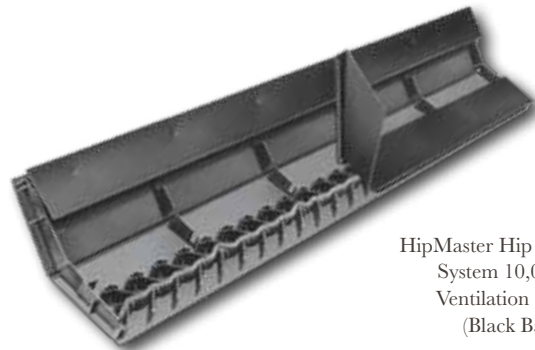
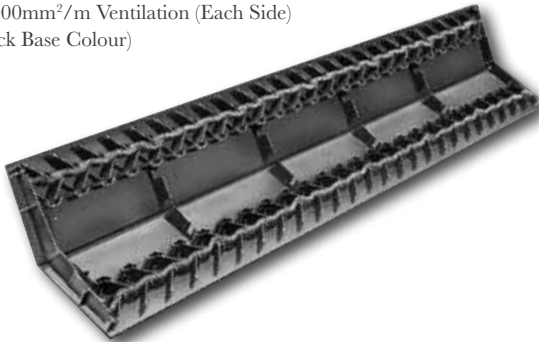


Cowl Vent  
10,000mm²/m Ventilation  
(Black Base Colour)



Cowl Vent Adapter  
110mm Round Pipe  
(Black Base Colour)

RidgeMaster Plus Ridge Ventilation System  
10,000mm²/m Ventilation (Each Side)  
(Black Base Colour)

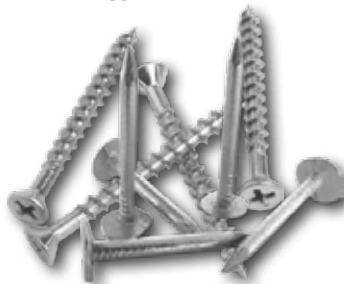


HipMaster Hip Ventilation  
System 10,000mm²/m  
Ventilation (Each Side)  
(Black Base Colour)



Eaves Ventilation Kits 6m Length  
for Hot & Cold Roof Systems  
(Black Base Colour)

Roofing Nails & Screws  
for All Applications



Continuous Abutment Ventilator  
5,000mm²/m Ventilation  
(Black Base Colour)



Protect Wunderlay  
Impermeable (Non-  
breathable) Roofing  
Membrane



Protect VP300  
Permeable  
(Breathable) Roofing  
Membrane

# Why Choose TAPCOSLATE & DAVINCI SELECT SHAKE?

Both products have been tested above and beyond UK and EU construction standards, with certification from:



British Board of Agrément



European Technical Assessment



Intertek Product Testing and Certification



Warringtonfire Fire Testing, Safety & Certification



The Building Research Establishment



Both products achieve a BROOF(t4) designation in accordance with EN 13501-5 & equivalent BS476-3 fire rating for full UK & EU compliance. These results mean no restrictions to boundary construction.



Achieve an EN 15601 rating for wind-driven rain at 12° & 14° for TapcoSlate Classic and at 15° for DaVinci Select Shake. These results mean that wind-driven rain will not penetrate at the above pitches.



Achieve the highest Class 4 UL 2218 Impact Test rating during testing performed with various sized heavy steel balls simulating 90-mph hailstones of varying sizes dropped from a 4 metre height.



Testing to ASTM G 155-05a 2,000 hours of super-intense xenon arc light and ASTM D638-03 tensile properties found no evidence of cracking, crazing, pitting, chalking, discolouration or any other material changes.



Achieve a Miami Dade TAS-110 rating of withstanding up to 110mph winds during testing with no tiles becoming detached or broken during 5 test cycles lasting 30 minutes each at maximum velocity.



Our products are lightweight, which is ideal for structures needing a light footprint or with older timbers that cannot take heavier-weight roofing tiles. TapcoSlate can weigh as little as 12kg/m<sup>2</sup> & Select Shake as little as 14kg/m<sup>2</sup>



TapcoSlate has been tested on roof pitches of as low as 12° on both felt & batten and fully-boarded roofing applications. Select Shake has been tested to 15°. Both of which is vastly lower than their natural counterparts.



Our products can be easily scored with a standard utility knife and snapped down the line, or can be cut and shaped with a standard plastics saw, circular saw or power jigsaw, whatever you have handy at the worksite.



Recycled materials are notoriously unstable, and that's why we manufacture our products from 100% PURE VIRGIN resins, so that we know EXACTLY how our slates will perform over time! This also makes them 100% recyclable.



TapcoSlate and Select Shake are not like their brittle natural counterparts, they will not crack, split or break if dropped and can be walked upon with soft-soled footwear without damage. They are both highly impact resistant to striking objects!



And let's not forget our incredible 40-year warranty! The warranty is automatically applied as soon as your roof tiles are delivered to site, so you can sit back, relax, and know that your roof slates and shake are fully covered! Tapco Roofing Products has the confidence to stand by the quality of the products we manufacture... we've been manufacturing for the construction industry since 1961, so we'll always be here if you need us.



# TECHNICAL SPECIFICATIONS



## Specifications

### Coverage

PITCH	EXPOSURE	SLATES PER M <sup>2</sup>
12° to 25°	6" (152mm)	22
25° to 27.5°	6.5" (165mm)	20
27.5° to 30°	7" (178mm)	19
30° to 70°	7.5" (191mm)	18

<b>WEIGHT</b>	Slate and Ridge/Hip Cap: 0.7kg
<b>WEIGHT M<sup>2</sup></b>	Min. 12kg / Max. 15kg
<b>PACKAGING</b>	Pallet: 1600 slates (1.04 tonnes), Bundle: 25 slates (16.25 kg)
<b>ROOFING BOARD</b>	18mm thick OSB or Ply
<b>BATTEN SIZE</b>	Min. 2" x 1" (50mm x 25mm) treated battens
<b>PITCH</b>	Min. 12° / Max. 70°
<b>SEALANT</b>	A Butyl-based sealant should be used. Use of a Silicone sealant may invalidate your warranty
<b>ADHESIVE</b>	PERMABOND® TA4610 or TA4620 adhesive for Polypropylene compounds is recommended for use on constructing accessories but should not be used to fix the tiles or caps to the roof
<b>FIXING</b>	Large 10mm diameter head, galvanised 1.2" (30mm) by 0.1" (2.5mm) steel nails or 1.2" (30mm) by 0.14" (3.5mm) outdoor Phillips bugle screws (using hammer/screwdriver or nail/screw-gun). Longer 2" (50mm) nail or outdoor Phillips bugle screw required for fixing ridges and hips. Corrosion resistant fasteners are always recommended, especially in coastal areas. In Scotland we recommend the use of Stainless Steel nails for fixing. For nail guns, a minimum of 7.1mm diameter nail heads should be used, we recommend Bostitch CR3DGAL Galvanised Roofing Coil Nails (32mm long with a large 10mm head), which fit most nail guns.



### Coverage

<b>PITCH</b>	15° to 70°
<b>EXPOSURE</b>	<ul style="list-style-type: none"> <li>Straight Tile Effect Min. 9" (230mm)</li> <li>Staggered Tile Effect Min. 10" (254mm)</li> </ul>
<b>SHAKE M<sup>2</sup></b>	20 Shake Tiles per Square Metre
<b>CAPS M<sup>2</sup></b>	3.3 Ridge/Hip Caps per Linear Metre

<b>WEIGHT</b>	8" Shake: 0.6kg / 10" Shake: 0.8kg / Ridge/Hip Cap: 1kg
<b>WEIGHT M<sup>2</sup></b>	14kg
<b>PACKAGING</b>	Pallet: 1056 tiles (933kg) - 48 Bundles. Bundle: 22 tiles (19.42kg) - pack size evenly split = 11 x 8" and 11 x 10" tiles.
<b>ROOFING BOARD</b>	18mm thick OSB or Ply
<b>PITCH</b>	Min. 15° / Max. 70°
<b>SEALANT</b>	A Butyl-based sealant should be used. Use of a Silicone sealant may invalidate your warranty
<b>ADHESIVE</b>	An adhesive for Polyethylene compounds is needed, PERMABOND® TA4605 or TA4610 is recommended (TA4605 is an instant bond whereas TA4610 allows a bit more time for bonding larger surfaces). Infinity Bond MMA 500 is an alternative compound to use. Should not be used to fix the tiles or caps to the roof.
<b>FIXING</b>	Large 10mm diameter head, galvanised 1.2" (40mm) by 0.1" (2.5mm) steel nails (using hammer or nail-gun). Longer 2" (65mm) nails are required for fixing ridges and hips. Corrosion resistant fasteners are always recommended, especially in coastal areas. In Scotland we recommend the use of Stainless Steel nails for fixing. For nail guns, a minimum of 7.1mm diameter nail heads should be used, we ideally recommend Bostitch CR3DGAL Galvanised Roofing Coil Nails with a large 10mm head.



We take our commitment to the architectural community very seriously, and have a host of architectural resources available on our website, including CAD, BIM and links to our Product Specifications available on NBS Source and SpecifiedBy. We run an active Continuing Professional Development (CPD) programme and can also help with any product and accessory queries, including ventilation, roof structure requirements and quantity takeoffs.



## Way BEYOND KERB APPEAL

Did you know that your roof can be up to 30 percent of what you see as you approach your home? Cosmetically, this means that the style and colour of your roof is just as important as your doors, windows, walls and garden. But above all, your roof has an even more important job to do: keeping you and your home safe from the elemental wrath of the ever-changeable weather.

That's why here at Tapco Roofing Products we strive, through technological innovation, to bring you atistically beautiful, authentic and extremely durable roofing that not only looks good for that all-important kerb appeal, but will also withstand anything that mother nature throws at it... for a very long time!

*Tapco Roofing Products is part of the Westlake Royal Building Products™ family, a worldwide leader in the manufacturing of a broad and diverse range of exterior and interior building products and accessories.*

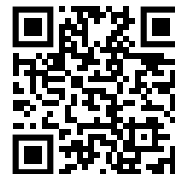
*If you have any questions, feel free to contact us directly.*

A Tapco Project Specialist will answer any questions you might have concerning products, roof quantity take-offs, colour selection, project timing, advice on contractor selection and help with local building authority questions.



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**Westlake**  
Royal Building Products™

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TRP01-02-2025