

TRIED, TESTED  
**TRUSTED**

**ALUMASC**

ROOFING SYSTEMS

**Airtile**

Lightweight Tiling System



*“A range of roof systems  
for all eventualities”*

[www.alumascroofing.co.uk](http://www.alumascroofing.co.uk)

## Contents

### Page 3

Airtile (lightweight metallic roof tiles)

### Page 6

Airtile Plus (large scale, lightweight metallic roof tiles)

### Page 9

Airtile SlateFix 1 (single synthetic slate tile)

### Page 10

Airtile SlateFix 2 (double synthetic slate tile)

**Airtile's range of roof tiles and systems are 100% recyclable and are made from high-quality Aluzinc steel giving the products excellent and long-lasting strength and performance, way above that of traditional materials.**

**A combination of its durability, maintenance-free attributes and quick, simple installation gives clients and customers added cost savings over the lifetime of a building.**

The system can be installed on pitches as low as 5° and have excellent acoustic properties against various outside sounds and landing rainfall. Every system and product has been tested to withstand the most extreme weather conditions. All our profiles are available in 0.9mm gauge, which is ideal for high foot traffic and vandal areas.

This is backed up with comprehensive technical support through design stage, during installation and post-project with our 40-year warranty for ultimate peace of mind.

These systems can be used on a variety of buildings and structures, such as school buildings, housing, prisons and community buildings. The system is approved for use with HMP (Her Majesty's Prisons) and MOD (Ministry of Defence) and is fully BBA and NBS approved.



# Airtile



## Slate

Min Pitch 12°  
Overall 1310mm  
Cover 1250mm



## Profile

Min Pitch 10°  
Overall 1445mm  
Cover 1325mm



## Slim

Min Pitch 10°  
Overall 1308mm  
Cover 1248mm



## Villa

Min Pitch 10°  
Overall 1285mm  
Cover 1200mm



## Plain

Min Pitch 15°  
Overall 1320mm  
Cover 1260mm



Approvals: British Board of Agrément, certificate number 02/3917

Manufactured using ISO 9001 approved materials & manufactured to ISO 14001 standards

## Available Colours:





## TECHNICAL DATA

Min. pitch:	10°
Max. pitch:	90°
Overall width:	1285mm - 1445mm
Cover width:	1248mm - 1325mm
Side lap:	60mm - 105mm
Step:	22mm

### Batten gauge (0.45mm)

Villa system	365mm
Slim system	365mm
Profile system	365mm
Slate system	369mm
Plain system	160mm

### Roof cover per m<sup>2</sup>:

Slate/Slim	2.17/2.18
Villa/Profile	2.25/2.08
Plain tile	5no. per m <sup>2</sup>
Steel base:	0.45mm (0.9mm available)
Weight as laid per m <sup>2</sup> :	7kg
Base coat:	Acrylic resin
Top coat:	Stone granules with clear acrylic overglaze
Colours:	Titanium Grey, Bramble Brown, Tartan Green, Rustic Terracotta, Rustic Brown, Moss Green
Chemical resistance:	Unaffected by normal pollution
Biological resistance:	Non toxic fungicide incorporated
Fire resistance:	AA classification equal to traditional roof tiles and slates
Fixings:	The contractor shall utilise the roofing manufacturers recommended fixings and sealant
Ventilation:	Roof ventilation should meet recommendations of Building Regulations 1991 (amended '92, '94). Approved Document F2 1995 'Condensation in Roofs', BS 5250: 1989 'Control of Condensation'.

## SYSTEM BENEFITS

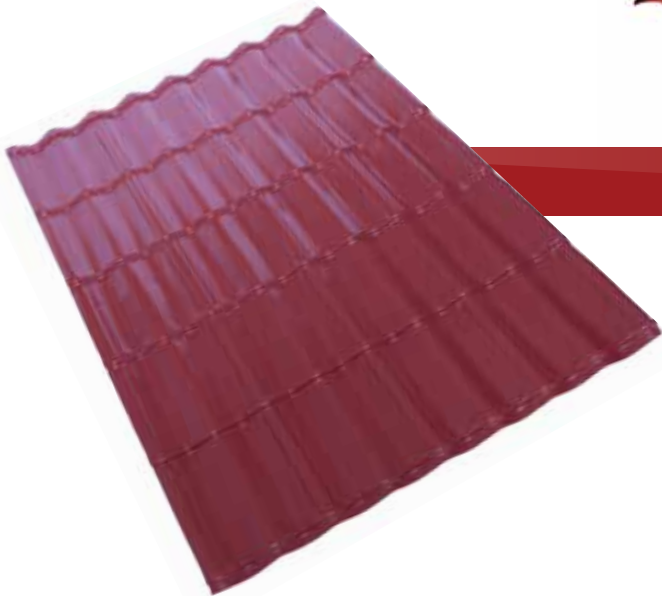
- Designed to give a traditional tile appearance
- Lightweight
- Minimum pitch 10°
- Good vandal resistance (0.9mm steel base on request)
- Easy to handle
- Offers reduced structure
- Quick installation
- Less labour intensive
- Cost effective
- Virtually maintenance free
- Extensive range of accessories and flashings available
- Fully dry-fixed
- Guaranteed for 40 years against weather penetration
- Full technical support available





### Curve Tile

Overall 1040mm  
Length up to 6.00m



### Tile Sheet

Overall 1040mm  
Length up to 1.53m

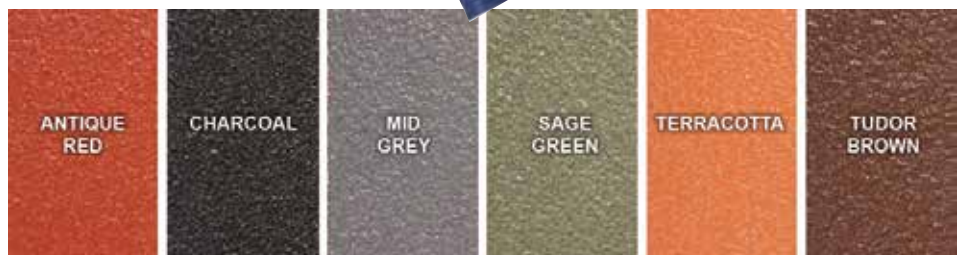


### Tile Sheet Plus

Overall 1040mm  
Length up to 1.53m



### Available Colours:



Approvals: British Board of Agrément, certificate number 02/3917

Manufactured using ISO 9001 approved materials & manufactured to ISO 14001 standards





## SYSTEM BENEFITS

- Designed to give a traditional tile appearance
- Lightweight
- Minimum pitch 5°
- Good vandal resistance (0.9mm steel base)
- Easy to handle
- Offers reduced structure
- Quick installation
- Less labour intensive
- Cost effective
- Virtually maintenance free
- Extensive range of accessories and flashings available
- Fully dry-fixed
- Guaranteed for up to 40 years against weather penetration
- Full technical support available

## TECHNICAL DATA

Min. pitch:	5°
Max. pitch:	90°
Overall width:	1080mm
Cover width:	1040mm
Side lap:	40mm
Step:	12mm
Purlin centres (max):	1500mm
Individual tile module:	300mm
Tile Sheet/ Tile Sheet Plus:	Sheet length 1553mm only
Slate max. length	6m (over 6m for special orders)
Steel base:	0.9mm (Curve Tile/Tile Sheet Plus)
Steel base:	0.7mm (Tile Sheet)
Weight as laid per m <sup>2</sup> :	11kg/9kg
Base coat:	Acrylic resin
Top coat:	Pigmented mineral filled acrylic
Colours:	Charcoal, Terracotta, Mid Grey, Tudor Brown, Antique Red, Sage Green



# Airtile

SLATEFIX 1



## Coverage

Pitch	Gauge	Slate m <sup>2</sup>
14.5 - 25°	152mm	22
25 - 27.5°	165mm	20
27.5 - 30°	178mm	19
30-90°	190mm	18

## About Airtile SlateFix 1

The Airtile SlateFix 1 high-performance synthetic slate tile is a beautiful looking, modern day version of a traditional slate tile. It has all the characteristics you can expect from a traditional slate such as authentic finish, riven edges and in the traditional slate colour. Unlike natural slate SlateFix 1 will not crack, break, chip or delaminate through its groundbreaking design and cutting-edge manufacturing process.

SlateFix 1 is very easy to fix, making it the perfect choice for any DIY or large scale project. It's also stress-free for any tradesman looking to fit the system for the first time, due to the visible fixing locations, pre-installed spacers and easy to follow lapping instructions. SlateFix 1 is also easy to cut, you only require a sharp fine tooth saw or a sharp blade, which means you don't have to worry about hiring or buying any slate cutters or tools.

## SYSTEM BENEFITS

- 40-year warranty
- Traditional natural slate appearance
- 14.5° min. pitch
- 15.4 kg/m<sup>2</sup>
- 22 tiles per m<sup>2</sup>
- Fast to install
- Maintenance free
- Does not break or crack
- No sorting or drilling
- Riven edges
- Cost effective
- Fully dry fix
- Foot traffic friendly
- Cut with sharp blade
- Fire tested
- Ridge/hips 5.5 per linear metre
- No extra starter course required
- Nail fixed
- Colour Pantone Black, Grey, Brown, Terracotta, Heather Purple

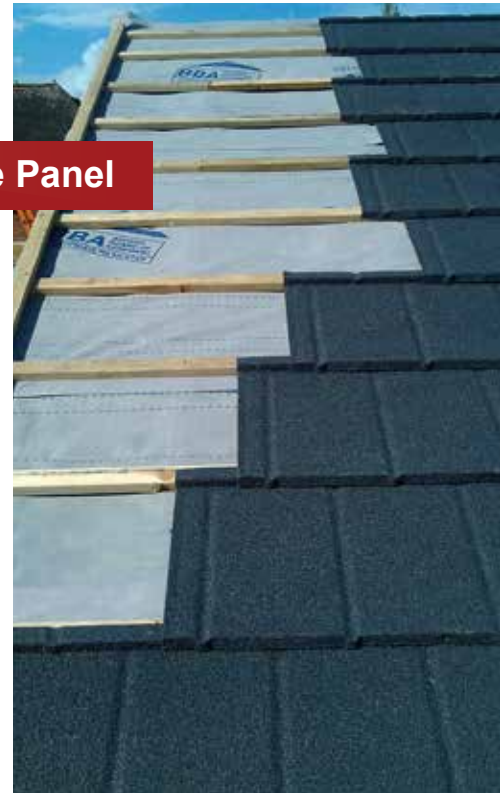


# Airtile

SLATEFIX 2



Double Slate Panel



## ABOUT AIRTILE SLATEFIX 2

Airtile SlateFix 2 double slate panel is an alternative modern day traditional slate. The unique double slate format has only 7 slates per m<sup>2</sup>, allowing for fast and easy installation, at only 11kg/m<sup>2</sup>. The Airtile SlateFix 2 can be used on roofs where a lightweight roof is required such as, roof renovations, garden buildings, conservatories, non-traditional houses and lean-tos to name a few.

The high performing Airtile SlateFix 2 can be fixed to roof pitches as low as 15°, fully dry fixed, DIY friendly and does not break or crack like traditional slates.

The double slate is easy to cut using a fine-toothed jigsaw, or tin snips and comes with a large range of accessories and can be fixed using nails or fasteners.

The built-in camber allows for a tighter fit, the tough and durable double slate gives great security and is made from high-quality green coat steel, which provides buildings with high colour retention and long lasting finishes in any weather. This eco-friendly coated steel featured a "bio-based" technology coating, reducing the environmental impact and allows for greener living.

## SYSTEM BENEFITS

- 40-year warranty
- Traditional slate appearance
- 15° min. pitch / low pitch
- 11 kg/m<sup>2</sup>
- Only 7 slate per m<sup>2</sup>
- Fast to install
- Maintenance free
- Does not break or crack
- No sorting or drilling
- Riven edges
- Cost effective
- DIY friendly
- Ridge 5.5 per linear metre
- Fully dry fix
- Foot traffic friendly
- Formable down to -15°c
- Colour slate grey
- Bio-based technology
- Long lasting superior surface
- Leading patented technology for greener living
- Standard batten gauge 237mm
- Lap 126mm
- Fire tested
- Available in any RAL colour



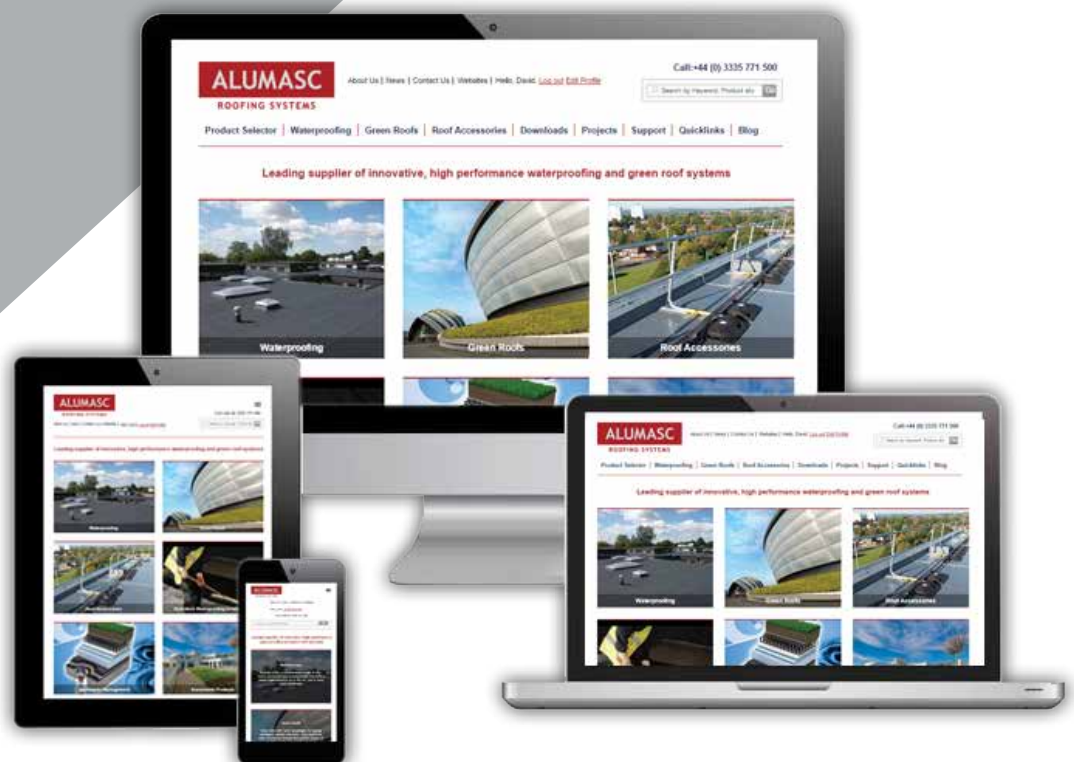
If you are interested in any of our products or services and would like further technical information please contact **03335 771 500**.

**Download all the documents you need for your project via any device at [www.alumascroofing.co.uk](http://www.alumascroofing.co.uk)**

### The Alumasc Roofing Systems Website:

Provides comprehensive technical information on all aspects of Alumasc's roofing and waterproofing systems.

- NBS specifications
- CAD downloads
- Online calculators
- Product & safety datasheets
- Technical datasheets
- BBA/ETA certificates
- Supporting information

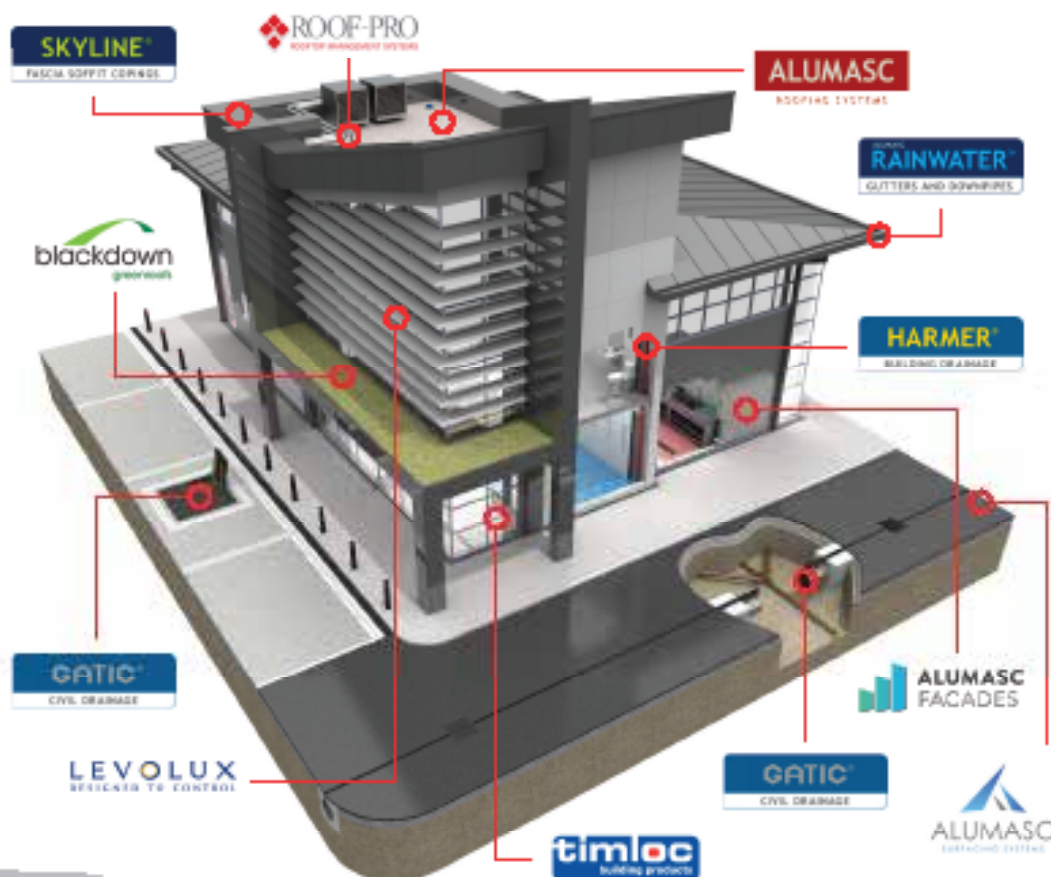


Alumasc is a UK based supplier of premium building products, systems and solutions



## The Single Source External Building Product Package

A seamless solution backed up by unparalleled technical support and extensive warranties



All Alumasc Group businesses have strong UK market positions within their individual market niches.

Alumasc Group sustains this strong strategic positioning by offering customers quality products, service and trust along with high levels of technical knowledge and support from start to finish.

t 0333 577 1500

e: [info@alumasc-exteriors.co.uk](mailto:info@alumasc-exteriors.co.uk)

w: [www.alumasc-exteriors.co.uk](http://www.alumasc-exteriors.co.uk)

[www.alumasc.co.uk](http://www.alumasc.co.uk)



# ALUMASC

ROOFING SYSTEMS

**Leader in the specification of high-performance waterproofing and green roof systems**



ALUMASC EXTERIOR BUILDING PRODUCTS LTD

White House Works, Bold Road, Sutton,  
St Helens, Merseyside, WA9 4JG  
United Kingdom

Tel: +44 (0)1744 648400

Website: [www.alumascroofing.co.uk](http://www.alumascroofing.co.uk)

E-mail: [info@alumascroofing.co.uk](mailto:info@alumascroofing.co.uk)