

## Clay Plain Tile Range

Handmade, hand crafted and machine made tiles  
for the perfect pitched roof



Made from one of the most historic, continuously used construction materials, high quality natural clay tiles, fired correctly, will enhance any project, even in the most severe climate.

As a natural material, clay will vary in quality, colour and appearance. Whilst some variation is normal, particularly in the handmade range, SIG's experienced craftsmen ensure that quality remains consistent.

### Warranties and approvals

All SIGnature Clay Tiles come with a 30 year warranty\* and are fully backed by SIG Roofing, the UK's largest distributor of roofing materials. The performance of the tile is warranted for the stated period, subject to installation in accordance with prevailing British Standards and good roofing practice.

\*Terms and conditions apply

### CE marking

BS EN 1304: 2013 is the harmonised EU standard governing clay roofing tiles and fittings. All clay tiles, irrespective of origin, should be tested to the criteria laid down in this standard and carry the CE mark. UK Building Regulations have been amended to ensure that only CE-marked products are used in cases where a directive exists. Local Authority Building Control Departments enforce these regulations, so it is recommended that any clay roofing tiles and fittings that you specify carry the CE mark, and you can obtain a set of test results. Specifiers of clay roofing tiles and fittings can check whether the tiles and fittings they have purchased, or are using, have been tested to BS EN 1304: 2013 by looking for the CE marking on any labels within the packaging, and/or any documentation accompanying the tiles and fittings, such as delivery notes or invoices.

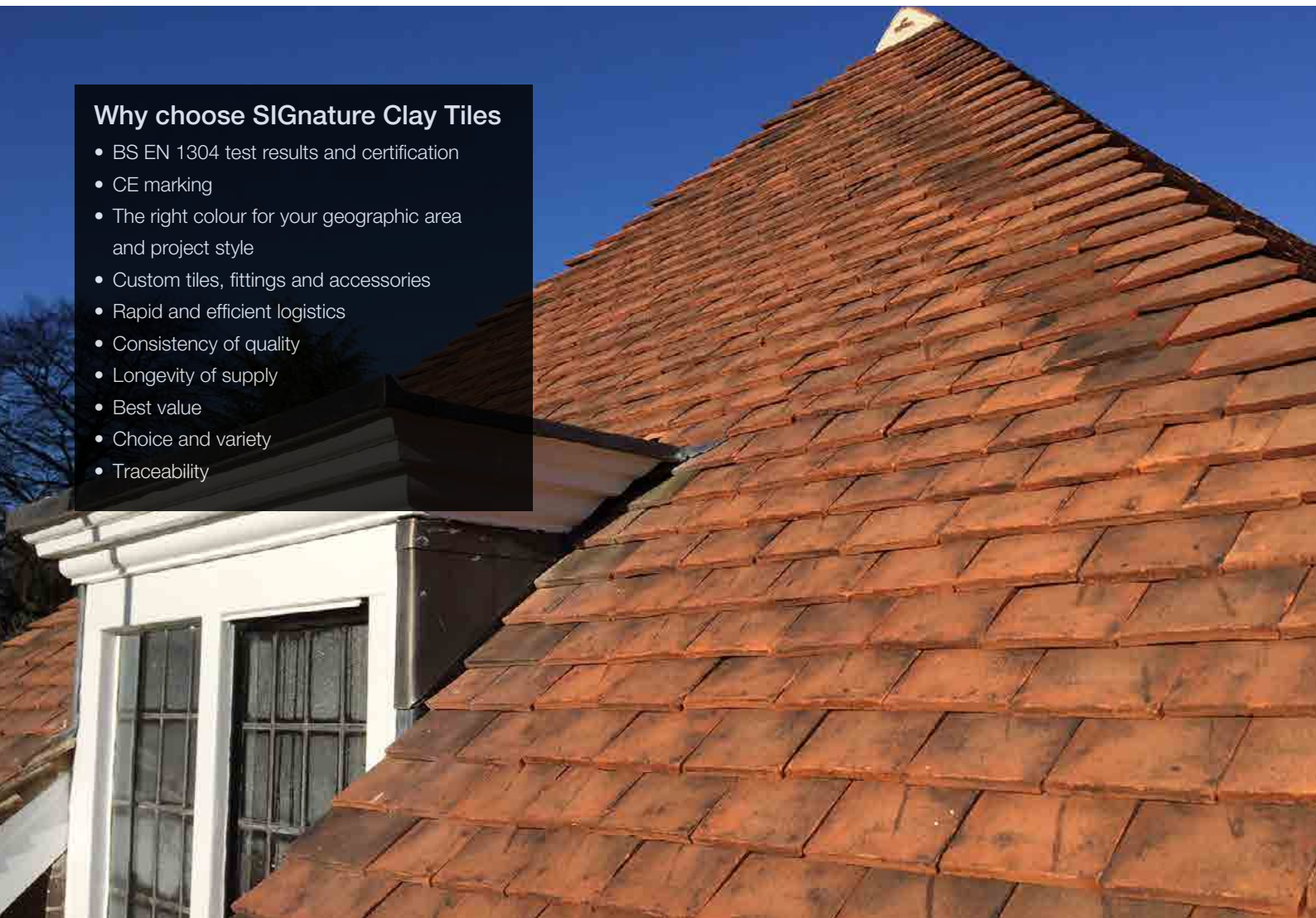
### All SIGnature Clay Tiles carry the CE mark.

N.B. CE marking does not indicate the quality of tiles and fittings – but that it has already been tested to BS EN 1304: 2013.



### Why choose SIGnature Clay Tiles

- BS EN 1304 test results and certification
- CE marking
- The right colour for your geographic area and project style
- Custom tiles, fittings and accessories
- Rapid and efficient logistics
- Consistency of quality
- Longevity of supply
- Best value
- Choice and variety
- Traceability



## Product ranges

The SIGnature Clay Tiles portfolio includes Handmade, Hand Crafted and Machine Made clay tiles that combine modern construction technology with the traditional skills of the clay tile maker. They will add character and enhance the beauty of any building, resulting in old world charm for natural looking roofs.

SIGNature Clay Tiles are made to meet the highest standards of quality and usability, resulting in unrivalled product ranges that meet the required standards and regulatory requirements.

Our experience in clay tile production combined with our technical understanding of the pitched roofing industry as well as the architectural vernacular, means that we are confident that we can find you exactly the right solution for your project, wherever in the country it is.

SIGNature Clay Tiles are complimented by a full range of clay fittings including ridge and valley tiles, bonnet hips and angles for vertical tile hanging (see over).

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### Handmade

Handmade in the traditional fashion, each tile is moulded by hand and it's this element of craftsmanship that gives the clay tile its characterful, highly-individual look.

The character and aesthetic of warm rich colour blends, together with varying texture and shape, ensures total versatility in their use, from restoration, refurbishment or contemporary new build.

Available in three colours: Chartham Red, Henley Weathered, Holmbury Blend.

### Machine made

Commonly used in both contemporary and traditional builds, machine made tiles hold their hue and actually mature with age. SIGNature machine made clay tiles are capable of meeting the aesthetic and performance demands of all types of roofing applications, whilst giving very high levels of durability. Less labour intensive than hand crafted or handmade clay tiles, machine made clay tiles are perfectly suited to the more cost-conscious project.

Available in two colours: Sherwood, Village Blend.

### Hand crafted

With hand crafted clay tiles, the process is automated up until just before the tiles are fired.

At this point they are taken off the line and hand-finished to replicate a rustic sand faced or smooth faced texture. Naturally colourfast and durable, the production process is not as labour intensive as handmade versions thereby offering a more cost-effective way to emulate the traditional and much admired look.

Available in one colour: Vintage.



Chartham Red



Sherwood



Vintage



Henley Weathered



Village Blend



Holmbury Blend

## Fittings and accessories

A range of complementary roofing components and fittings are available to complete your roof project.

These include:

- Eaves Tile
- Gable
- Bonnet Hip
- Valley Tile
- External Angle (Left and Right Hand)
- Internal Angle (Left and Right Hand)
- Club Tile
- Arris Hip
- Half Round Ridge
- Half Round Mono Ridge
- Third Round Hip Ridge
- Baby Ridge



Please call us for more information on any of the above.

## Performance

### BS EN 1304:2013

This standard is designed to specify the minimum physical and mechanical performance requirements for clay roofing tiles and fittings for pitched roof coverings and wall cladding and lining. Clay roofing tiles and clay fittings which conform to this standard are suitable for use as roof coverings, vertical wall cladding and lining.

A broad range of attributes are tested such as structural characteristics, fixing, geometric characteristics, and fire performance, however the most critical areas are Impermeability, Mechanical Resistance/Flexural Strength and Frost Resistance.

### Impermeability

Excessive water absorption will result in clay tiles being vulnerable to frost damage. After carrying out one of the two Impermeability tests, the clay tiles and fittings are given one of the two Impermeability categories. Category 1 and Category 2, any tiles classified under the latter category shall only be used with watertight roofing underfelt. All SIGnature Clay Tiles have been independently tested to Category 1 classification.

### Mechanical resistance/flexural strength

This test evaluates the strength of the clay tile when subjected to flexure. To be considered satisfactory and be awarded a "Pass", clay tiles need to withstand the following load of force without breaking:

Plain tiles 600N, Flat Interlocking tiles 900N, Under and over tiles 1000N.

All SIGnature Clay Tiles have been independently tested to 'Pass'.

### Frost resistance

This process assesses the structural integrity of the clay tile and fittings against frost damage by subjecting the tiles to continuous cycles of freeze/thaw. The results are classified as follows:

Level 1: able to withstand a minimum of 150 cycles

Level 2: able to withstand a minimum of 90 cycles

Level 3: able to withstand a minimum of 30 cycles

Only clay tiles and fittings which have been classified as Level 1 are accepted to be used in the UK. All SIGnature Clay Tiles have been independently tested to Level 1.



SIG Design Technology  
Mannheim House  
Gelders Hall Road  
Shepshed  
Leicestershire LE12 9NH

Tel: 08445 766 760  
Fax: 08445 766 761

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

### About SIG Design Technology

SIG Design Technology is a part of SIG Roofing, a leading division of SIG plc, a FTSE listed company and the UK's market leading specialist supplier to professionals in the building and construction industry.

SIG Design Technology has put together an 8-step guide to identify the challenges and ensure that a roof's design meets a building's requirements.

Called **#PerfectRoof**, the eight steps follow the process from product selection and design expertise through to full guarantees and planned maintenance. Its know-how is just part of the service that is provided absolutely free to customers.

