INNOFIX CLIP

Briefing Pack

Version: 1.0

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1 Introduction

1.1 BACKGROUND

On July 1st 2015, we are witnessing the largest change to BS 5534 for a generation. As a result of this change, the new Code of Practice significantly increases the minimum fixing requirements for roof tiles. For example:

- All single lapped tiles on a roof now need to be mechanically fixed
- Tiles at the perimeter must now have a minimum of two fixings

Overall the impact of the new standard for traditional slated and tiled roofs is significantly more onerous fixing specifications.

Since fixing specifications vary greatly and are based on many factors – including location and type of building – it is even more important that every roof is fixed in accordance with manufacturers recommendations, ideally with a site-specific fixing specification.

On a cautionary note contractors should not rely on historic experience and make sure they obtain an updated recommendation.
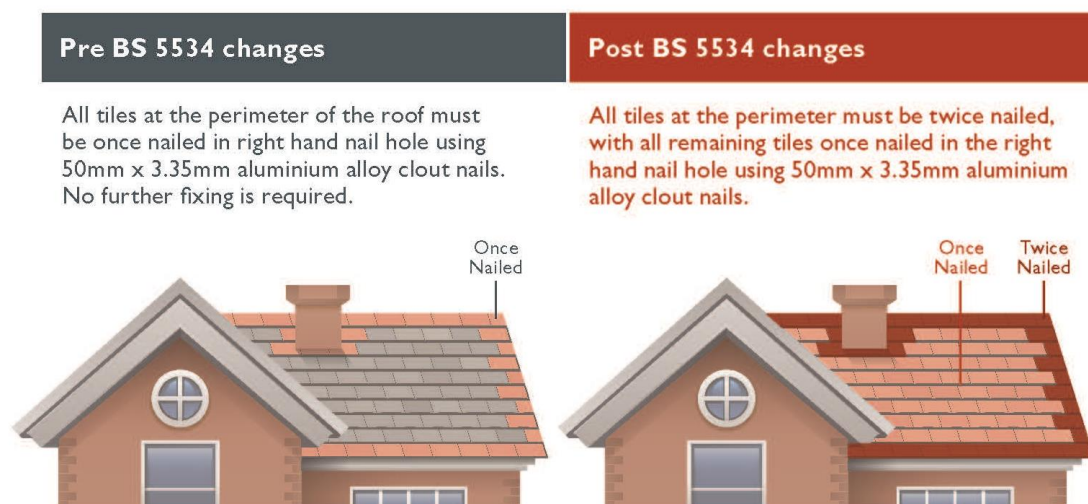

Figure 1 – Example of tile fixing before and after in Northampton

4 bed detached house, Hereford

Tile: Grovebury, 35° pitch, duopitch roof, 2 storey (8m ridge height).
This road is on the edge of Hereford.

Pre BS 5534 changes	Post BS 5534 changes
All tiles must be nailed using 70mm x 3.75mm aluminium alloy clout nails.	All tiles at the perimeter of the roof must be nailed and clipped. In addition, a band of full tiles 2 wide adjacent to the perimeters must also be clipped in an alternate diagonal pattern. All other tiles must be nailed using 70mm x 3.75mm aluminium alloy clout nails.

Figure 2 – Example of tile fixing before and after in Hereford

1.2 INNOFIX CLIP

Fully fixing roofs can take a long time to install, leading to reduced productivity and higher costs. In discussions with roofers, we have heard that this cost can increase by between £200 and £400 per roof.

To help minimize the effects of these costs, Redland has developed Innofix Clip. It is a BS 5534-compliant, tool-free clipping system designed to fit Redland's profiled tiles. It is up to 40 % quicker to install than traditional nail and clip, and can be fitted one handed. Supplied on a magazine of approximately 50 clips.

Figure 3 – Innofix Clip Magazine

1.3 KEY PRODUCT FEATURES

- The quickest ever clip to fix – up to 40% quicker than traditional clip and nail
- Tool-free – simple to fix
- Unique clip magazine – tangle-free installation which can mean significant reductions in wastage on site
- Redland's strongest ever clip
- Colour-coded for error-free identification
- Suitable for all exposure zones
- Rust-proof – lasts the lifetime of the building

1.4 COMPATIBILITY

Innofix Clip Colour	Compatible Tiles
Red	• Grovebury • Regent • Landmark Double Pantile • Fenland Pantile
Light Blue	• 50 Double Roman • Landmark Double Roman
Light Orange	• Renown • Redland 49
Gold	• Mini Stonewold
Purple	• Richmond 10 • Saxon 10 • Landmark Slate 10 • DuoPlain

Figure 4 – Compatibility table

2 Pack Contents

Innofix Clips come in boxes of 500 clips, with approximately 50 clips per Magazine. Product codes are listed below.

Figure 5 – Example of Innofix Clip packaging

3 Product codes and List Prices

Material Codes	Innofix Clip Colour	Quantity	List Price
982100	Red	500	£65.00
982200	Light Blue	500	£65.00
982300	Light Orange	500	£65.00
982400	Gold	500	£65.00
982500	Purple	500	£65.00

Figure 6 – Innofix Clip product codes

The colour is identified by a painted stripe on the top of the Magazine.

4 Timescales

All new products will be in stock at Redland from October 2015.

Standard Redland lead times will apply for Innofix Clip.

5 Packaging and Weights

Material Codes	Material Description	Pack Quantity	List Price	Boxes / Pallet	Unit Weight (kg)	Pallet Weight (kg)
982100	Red	500	£65.00	140	3.5	516
982200	Light Blue	500	£65.00	140	3.5	516
982300	Light Orange	500	£65.00	140	3.5	516
982400	Gold	500	£65.00	140	3.5	516
982500	Purple	500	£65.00	140	3.5	516

Figure 7 – Innofix Clip packaging and weights

6 Material

Innofix Clip is manufactured from stainless steel (AISI 302 (1.4310)), made in accordance with BS EN 10270-3:2001

7 Labelling

Each Innofix Clip box has a product label on the end, describing the following information:

- Product code
- Colour
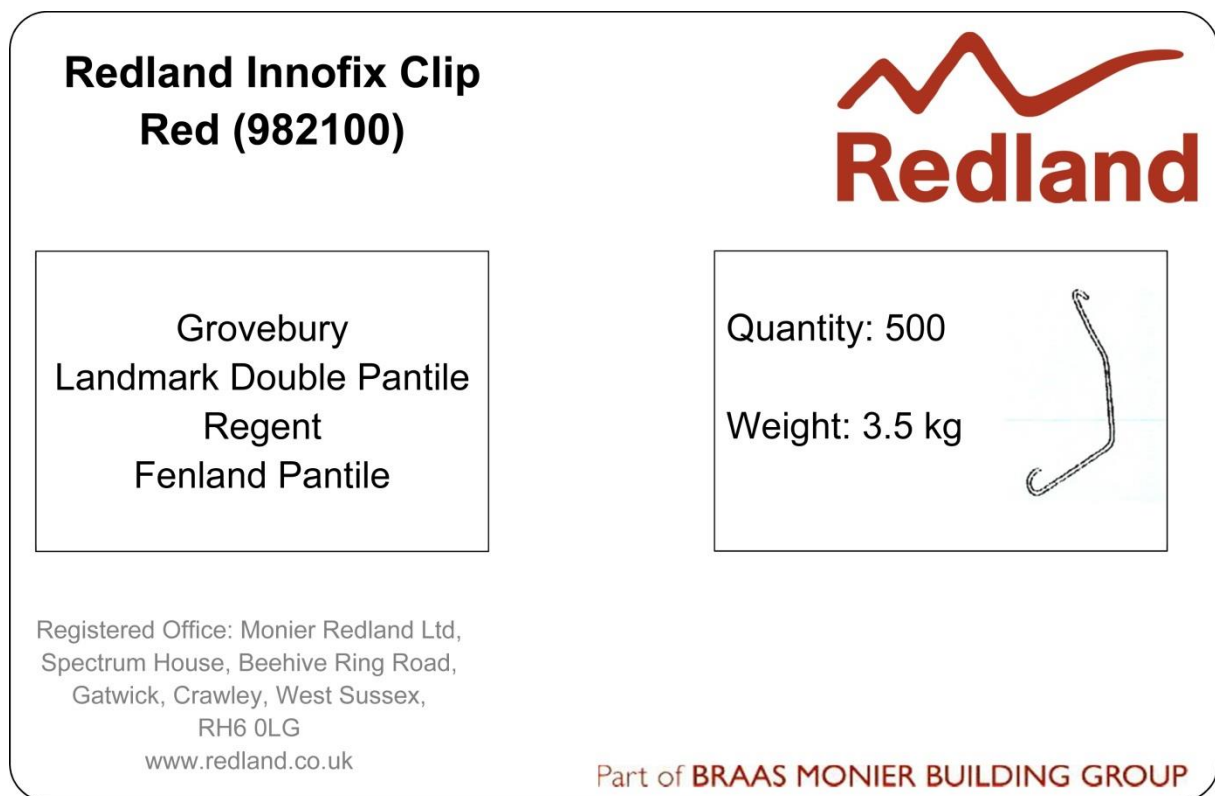- Compatible tiles
- Quantity per box
- Box weight
- Contact details

**Redland Innofix Clip
Red (982100)**

Grovebury
Landmark Double Pantile
Regent
Fenland Pantile

Quantity: 500

Weight: 3.5 kg

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Figure 8 – Example of an Innofix Clip label

8   Installation Instructions

These will be available on the Redland website for download. They are not currently included in the box.

Place the top (painted) hook of the Innofix Clip on the interlock of the tile

Push down under the batten – wait for the audible 'click'

Innofix Clip is fixed in a click

Figure 9 – Innofix Clip installation instructions