

'Jenny Twin' Slate Repair Fixings

The invisible repair system, mechanically re-fixes natural roofing slate.



Before Repair...



Repairs carried-out with 'Jenny Twin' system.

FITTING INSTRUCTIONS

Stage 1



Insert the swivelled tail into the recessed groove on the underside of the main body of the clip.

Drill or punch a hole to each side of the slate above existing or normal holing gauge (equal to approx. half batten width +5mm) and approx. 50mm from the side.

Fit clip by bending tongue down and pushing through the hole in the slate and bottom leg of the clip. Pull tongue through with pliers or similar until fitting tightly; bend tongue back to secure.

Fix one clip to either side of the slate, ensuring swivelled tail is on the underside of the slate. If slates to be repaired are butt jointed it will be necessary to nibble 2-3mm from the side of each slate where the clip is to be fitted. This will allow the clip to be located within the overall dimensions of the slate.

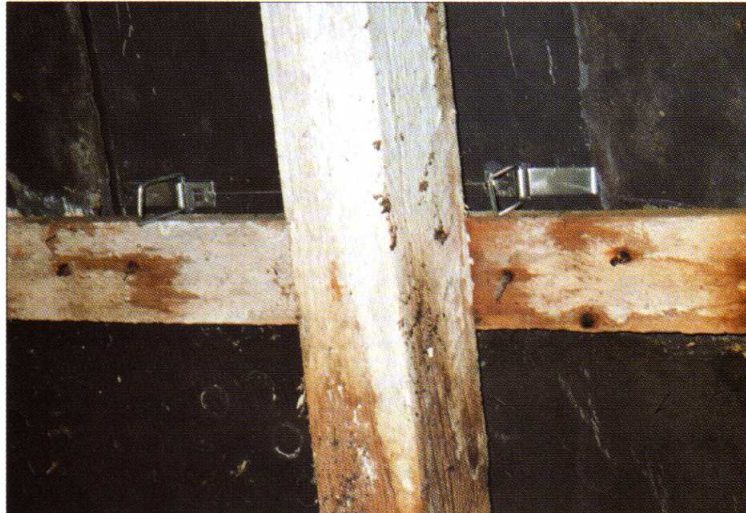
Stage 2



Lay slate flat on roof and push into position. The use of a slate ripper may assist in guiding the head of the slate being repaired onto the support batten.

Once the tail of the slate is in alignment with other slates in the course, the swivelled tail will automatically drop into place behind the batten.

View of repaired slate from underside



Clips can be seen securely located behind the batten ensuring that the slate remains permanently fixed in the correct location; while still allowing the slate the natural movement associated with a nailed slate.

External view of repaired slate



Completely invisible mechanically fixed repair to slate roof. Repaired slates marked for clarity.

Product Information

“Jenny Twin” clips are designed to perform as a fixing method for isolated repairs where it is not possible for slates to be secured with nail fixings.

The main body of the clip is produced in one piece from 1.5mm 1050A aluminium. The swivelled tail is produced in one piece from 2.0mm diameter, 321 S31 stainless steel.

Slates fixed with “Jenny Twin” to open battened roofs up to a maximum pitch of 70 degrees will comply with the requirements of BS5534 2003.

Availability

Jenny Twin Slate Repair Fixings are available in the following formats:-

- Bags of 10 Pairs
- Boxes of 100 Pairs
- Bulk orders of 1000 Pairs plus

Suggested Specification for the repair of slate roofs

Prior to any work being carried out on roofs, a safety and risk assessment should be carried out. Guidance on the safety issues can be sought from the following references:-

HSE Safety in Roofwork HS(G)33 1987

BS 1397: 1979 Specification for Industrial Safety Belts, Harnesses and Safety Lanyards.

BS 5062:Part 1:1985 Specification for Self-Locking Safety Anchorages for Industrial Use. "Roofing and Cladding in Windy Conditions.

- Replacement slates should be structurally sound and matching in size, thickness, colour and texture.
- Where possible all slates should be fixed with two clout nails to BS 1202 (3.35mm shank diameter) to the appropriate gauge to match existing.
- Where two secure nail fixings cannot be achieved, slates should be fixed with Jenny Twin Slate Repair Fixings – supplied by Owens Slate Services Ltd. Tel. 01248 605575 Fax. 01248 605574).

Damaged slates to be removed using "Slate Ripper" ensuring minimum disruption and damage to surrounding slates.

Ensure the whole of the slate is removed including existing nail fixings. Where nail fixings cannot be removed intact ensure remaining nails are either cut or driven home to ensure they do not protrude above the batten.

"Jenny Twin" Clips to be fixed in accordance with instructions.

Further guidance for the repair and maintenance of slate roofs is available from:-
Building Regulations, particularly Approved Document A – Structure,
Sub-section A1/2 Clause 3 Re-covering of roofs.
BS8000:Part 6: 1990 Workmanship on building sites – Part 6: Code of
practice for slating and tiling of roofs and claddings (subclause 5.1).

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