



Invisible, mechanical slate roof fixings.

Repairs, renovations and alterations to slate roofs with minimal disruption



Before Repairs



Repaired with Jenny Twin®

Product Information



Jenny Twin® slate fixings are designed to perform as a fixing method for isolated repairs where it is no longer possible for slates to be secured with clout nails.

The Jenny Twin® is made up of two parts: the main body, made from 1.6mm thick aluminium; and the swivelled tail which is 2.3mm diameter stainless steel.

Jenny Twin® fixings are suitable for slate roofs fixed to open battens up to 70 degree pitches.

Fitting Instructions

Drill or punch a hole to each side of the slate to be refixed. The hole should be formed above the existing or normal holing gauge + half batten depth + 5mm and approx 50mm from the side.

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

Fit the clip by bending the tongue down and pushing through the hole in the slate and bottom leg of the clip. Bend the tongue back tightly to secure.

Fix a pair of Jenny Twin® to each slate, ensuring the swivelled tail is on the underside of the slate. If the slates are tightly butt jointed, it will be necessary prior to fixing the clip to nibble 2-3mm from each side of the slate where the clip is to be fitted



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

Once in alignment the swivelled tail will drop into place securing the slate behind the batten.



Jenny Twin® can be seen securely located behind the batten.

Jenny Twin® fixings provide a secret fixing which is durable, maintenance free and allows the slate the same degree of natural movement associated with nailed slates.

Jenny Twin® can be used without the need for special tools.

Slates replaced with Jenny Twin® fixings are marked for clarity.

The use of Jenny Twin® fixings allow repairs, alterations, renovation and additions to slate roofs without affecting durability, performance or aesthetic appeal.



Availability



Jenny Twin® fixings are supplied in bags of 10 pairs, with each bag containing fitting instructions.

Product is available from specialist roofing merchants, or direct supply via courier within 3-4 working days.

Orders can also be placed online via our website:- www.owens-slate.com.

Safety & Access Information

Before any work is carried out, a full assessment of the safety issues and risks involved should be undertaken. Various information is available from the Health and Safety Executive with regard to working at height and safe access; the most relevant are, INDG401 The Working At Height Regulations - A Brief Guide, INDG402 Safe Use Of Ladders And Stepladders (An Employer's Guide), INDG405 Top Tips On Ladder And Stepladder Safety. These documents are also available as pdf downloads from www.hse.gov.uk.

Careless "foot traffic" across slate roofs can cause significant damage to slates; therefore extreme care should be taken when accessing areas over slate roofs and ideally slates should be protected by cushioning and crawling boards to spread any loads imposed.

Any dressed or broken edges of roofing slates can be sharp and care should be taken when handling slates and where necessary protective gloves be worn. The cutting of slates can lead to either small shards of slate breaking off or the generation of potentially harmful dust (in large quantities over a prolonged period of time), where appropriate precautions such as eye protection and dust masks, should be used.

Jenny Twin® fixings are cut punched and formed from sheet aluminium and steel wire. There is a potential risk of sharp edges. Residues of engineering oils may be present and these may cause an allergic reaction. Suitable protective gloves should prevent any injury or adverse reaction.

Specification

Prior to any work being carried out, checks should be made to ensure the availability of suitable replacement slates of matching origin, colour, texture, size and thickness, whilst making an allowance for breakages.

Slates should be removed with a "slate ripper" with minimal disruption to surrounding slates and ensuring all of the slate and fixings are removed.

Carry out the required repairs, alterations or additions, where possible ensuring all slates have two secure nail fixings (or other recommended by supplier). Slate nails to BS1202, clout nails of an appropriate length, to provide minimum 15mm batten penetration, and shank diameter.

Where secure nail fixings cannot be achieved due to securely fixed overlapping slates, slates should be fixed in place with Jenny Twin® fixings in accordance with the fitting instructions.

Further information regarding the repair and maintenance of slate roofs is available from:- BS8000, Part 6 1990; Part 6 Code of practice for slating and tiling of roofs and cladding Clause 5.1; BS5534 2003 Code of practice for slating and tiling section 6.13.

Jenny Twin® slate fixings comply with the requirements of BS5534 2003 Code of practice for slating and tiling, section 4.13.2 material specification for clips, section 6.13 installation, repairs and maintenance.

Owens Slate Services Ltd.
2 Tanysgafell, Bethesda, Gwynedd. LL57 4AJ
Tel 01248 605575 Fax 01248 605574 email sales@owens-slate.com website www.owens-slate.com

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