

INSTALLATION STEPS — UNIVERSAL SOLVE MOUNT

Read the full manual before starting work on a roof

1 Create the 28mm Hole

Locate and mark the rafter. Use a 28mm diamond coring bit to create the hole through the roof covering.

MOUNTING ZONE

Thin coverings (slate, metrotile): bottom of the tile, 30–50mm from batten.

Thick coverings (concrete plain tile): close to the top of the tile.



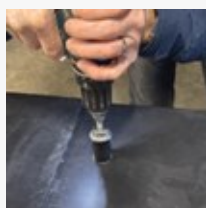
2 Insert Drill Guide & Pre-Drill

Insert the supplied drill guide into the hole, then pre-drill into the rafter using a 7mm wood auger to a depth of 70mm.



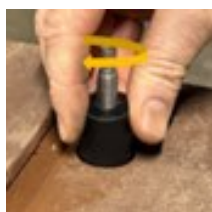
3 Fix the Solve Mount

Insert the Solve Mount into the 28mm hole and drive it into the pre-drilled rafter using a power drill until the wood thread is fully in the rafter. The adjustable base will stop the bolt going further. Back off 1/4 turn to release the base.



4 Adjust the Seal Height

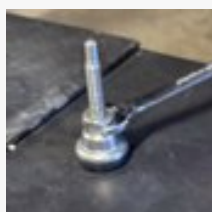
Rotate the seal if required to set the protrusion height. You need 30–35mm protruding above the roof covering for the seal to fill the cap.



5 Tighten the Flange Nut

Tighten the flange nut to compress and expand the seal — this creates a leak-proof watertight barrier the full depth of the roof covering.

Connecting a supporting plate and need height adjustability? Use the supplied Nylock nut instead.



NOTE

Expand the seal to be level with the cap diameter.



Too compressed



Just right

RAIL CONNECTION

Use the rail manufacturer's L bracket or support plate. Flange nut for fixed connections. Nylock nut where height adjustability along the stud is required.