DIY

ROOF TILE INSTALLATION GUIDE

QEMCO

QLD EXPANDED METALS COMPANY

WORKPLACE HEALTH & SAFETY

At all times and on all sites, Health & Safety must be the first priority.

Installation may be from the roof or, perhaps, trestles and planks. Every job is different so assess each on its merits and always comply with Workplace Health and Safety Standards within your area.

TOOLS REQUIRED

- Gloves
- Cordless Drill
- 1/4" Magnetic Tech Screw Bit
- L/H & R/H Tin Snips (Red & Green Handles, known as "Aviation Snips")
- 300g Silicone tube hand dispenser (Caulking Gun)

Installation Disclaimer: This guide is supplied for information purposes only. Technical support available on (07) 5390 4077.
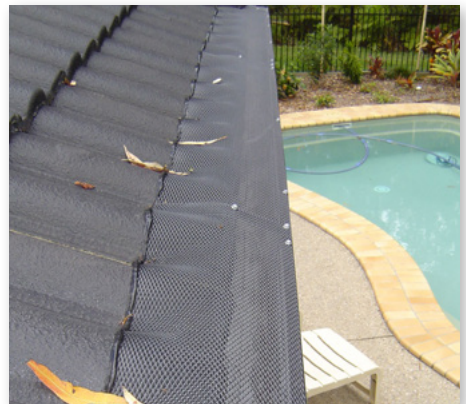
CLEAN CLOGGED GUTTERS

Scrub and rinse dirty gutters. Corri shown, same for Tile.

NOTE: When down pipes are connected to the water storage tanks, it is important to divert this dirty rinse water away to avoid contaminating the tank water.
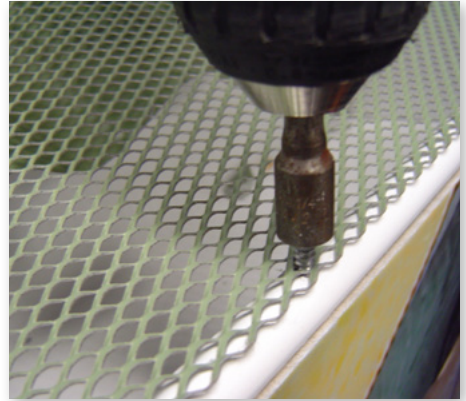
LOCATE TILE PROFILE

Locate Tile profile on the roof & set gutter edge just back from the gutter lip.

SCREW A 2ND ROW MESH HOLE

While holding mesh in location, screw through a 2nd row mesh hole into the gutter lip.

NOTE: Make sure never to over tighten any of the screws. The product only requires positive pressure to secure it in place.

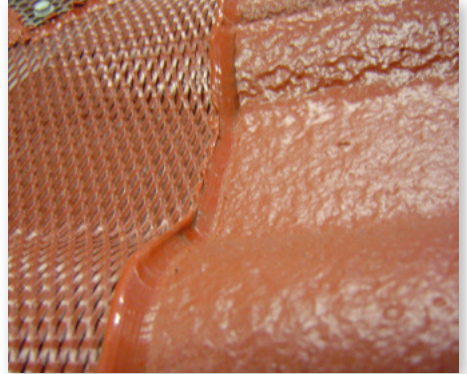## OVERLAP THE ENDS | SET & TRIM

Over lap the ends of each strip & screw together.

Set & trim gutter end & screw into place.

BOND PRODUCT

Bond product & roof together, similar to welding. Be cautious not to use to much silicone.
(See Tips Section)

CUT MESH TO SUIT

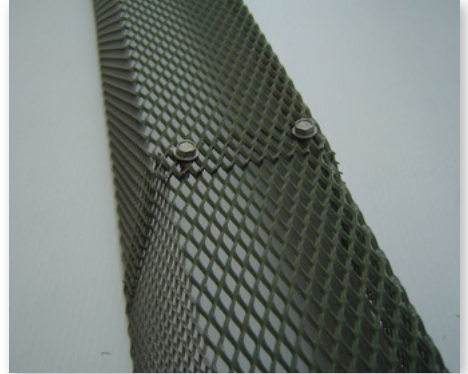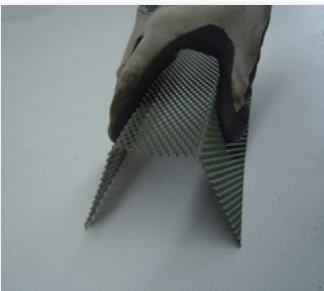Cut mesh to suit corner profile. Screw & seal.

Cut in corner to suit.

ENSURE VALLEY ARE CLEAN OF DEBRIS

Make sure edges of the valley are clean of debris. Lay lengths of profiled valley product next to the valley & overlap by 15mm & screw.
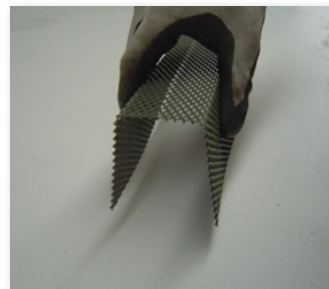

TILE VALLEY PRODUCT

Tile valley product, end view, prior to installation.

Tile valley product, end view, in squeezed position prior to inserting into tile valley. Once in position release the product & seal along both sides between mesh & tile.

TILE VALLEY

Tile valley prior to sealing.

Tile valley's

Close up of a sealed concrete tile valley. Leaves a clear path for water to flow to the gutters

NOTE: It may be necessary to hand bend the product to aid in the installation if the gutter lip is lower in reference to the roof line. (See Tips Section)

INSTALLED PRODUCT

Concrete tile product installed with a hand bend behind the 3D profile. This is due to the gutter edge being lower in reference to the roof line. This changes the angle & makes for a better installation.

Flat tile, external corner, cut & sealed.

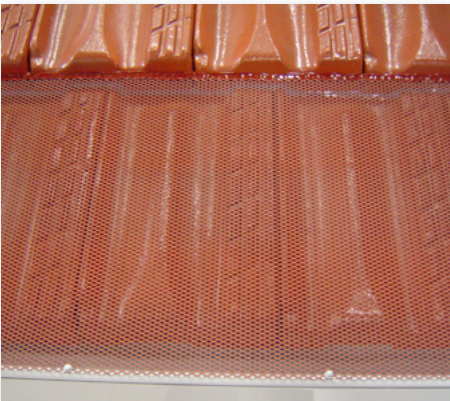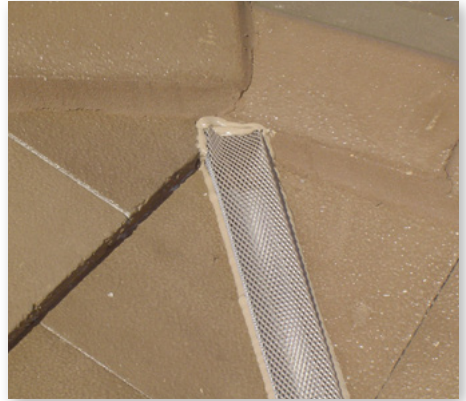Flat tile, internal corner, with valley, cut & sealed.
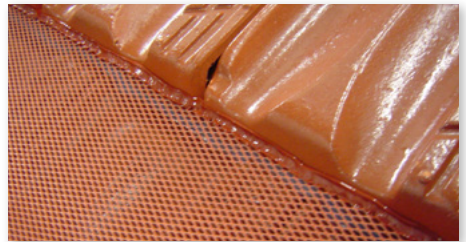
INSTALLED PRODUCT

Completed flat tile with valley's.

Flat tile valley, upper area, cut & sealed.

Terracotta tile. Wider flat product from gutter lip to nose of second row tile.

Terracotta tile. Nose of second row tile to flat product, sealed edge. Important to make sure the mesh hole openings face away from the roof for debris to slide over the gutter edge.

TIPS

During tile installations, some areas along the product roof edge may sit up. This photo shows the installation of a **QEMCO** retention plug. This will hold the product down until the silicone has set. These retention plugs are designed to stay in place & not be removed.
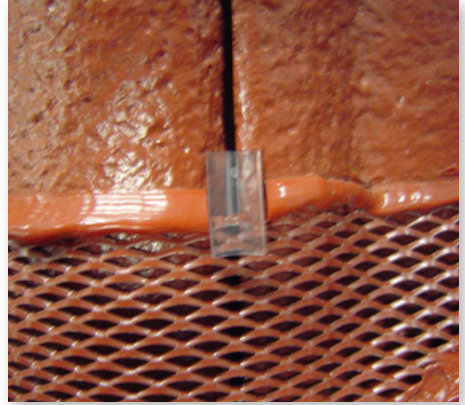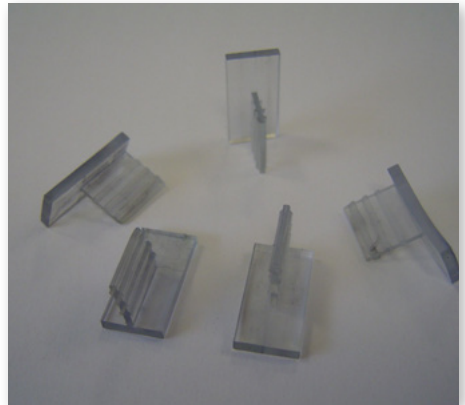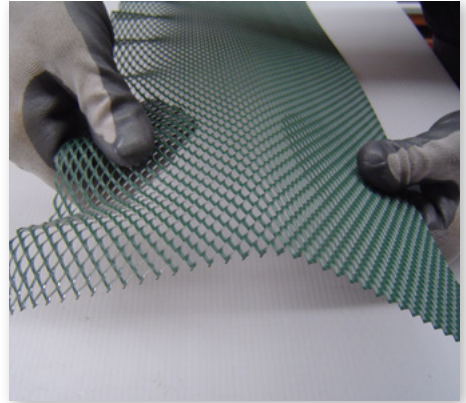

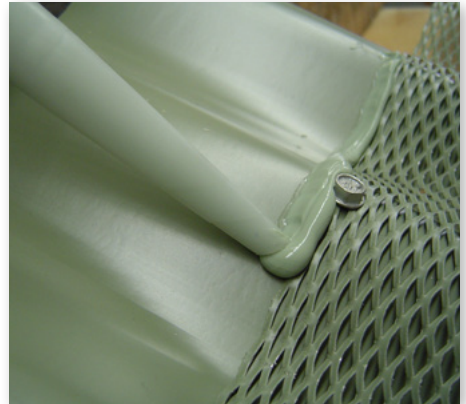Photo shows typical **QEMCO** retention plugs.

TIPS

Hand bending.

Silicone Application
Cut the end of the tip at a
slight angle which flattens
the Silicone as you seal.
Always push the Silicone
as this ensures a seal
between roof & product.

NOTE: Always clean up after you have completed the installation.
Off-cuts are sharp & could cause injury.

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