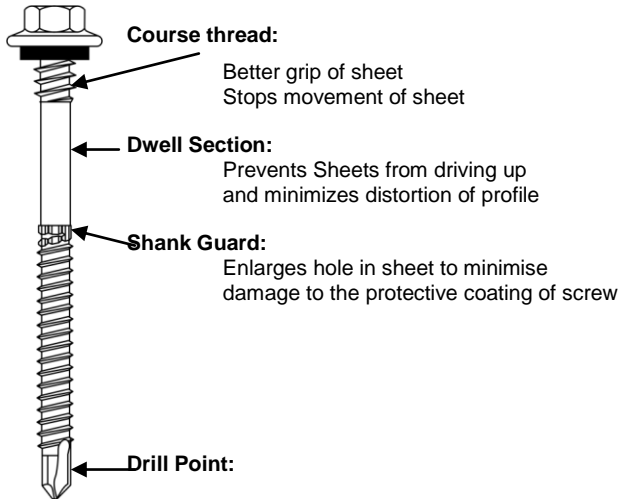


## Screws Selection and Application Guideline



### Identifying the Screw

14    –    20    x    45

Screw Gauge\*    –    TPI\*    X    Length of Screw  
(From below the head)

\* TPI: Threads per Inch  
\* Screw Gauge is Diameter of Screw (with Thread)

Screw Gauge (g)	Size (mm) Approx
10	4.8
12	5.5
14	6.3
18	8

### Screw Selection:

#### a. Length

##### Without Insulation

Into Metal / Wood : At least three threads of the screw must protrude through the metal/wood support, but the shank guard must not touch the support

##### With Insulation:

The insulation thickness should be added screw length required

##### Side Lap and accessory fastening

Stitching screw with EPDM washer 8-15 x 15  
Pop Rivets

#### b. Drill Point

Selection of Screw Drill Point depends on the metal support thickness

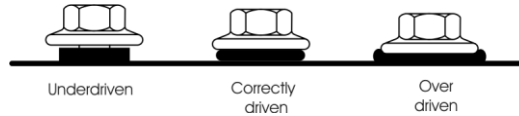
Point 3 – 2 to 3 mm  
Point 4 – 4 to 6 mm  
Point 5 – 7 to 9 mm

### Number of Screws Estimate:

= 5 x Number of Sheets x Number of Support

## Screw Fixing

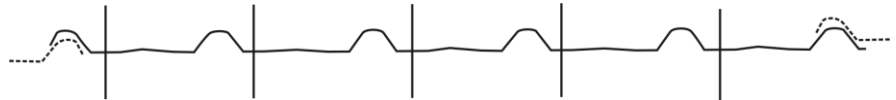
### Screw Setting



### Crest Fixing:



### Valley Fixing:



### Roof Sheeting Process

Crest Fixing is sufficient however ensure better grip the valley fixing can be done at the two ends of a sheet.

### Wall Sheeting Process

Valley fixing is to be done.