

# Shallow Composite Floor Decks

## Sitework

### Deck fixing

As soon as you lay the deck fix it through its trough to the top of the supporting structure using powder actuated pins or self-drilling screws. Use side lap fixings at 1000mm centres for MetFloor® 55, MetFloor® 60 and MetFloor® 80. Where shear studs are being used the deck needs two fixings per sheet per support at sheet ends and one fixing per sheet at intermediate supports.

### Fixing Information for Shallow Decking

To Steel	Heavy duty powder actuated fixings - Hilti ENP2 X-ENP-19 L15 nail/Spit SBR14 or equivalent. For temporary fixing (i.e. where weld through shear studs are to be used) - Hilti PINDAK16*  Self-drilling screws. To steel up to 11mm thick - SFS SD14 - 5.5 x 32 / EJOT HS 38 or equivalent. To steel up to 17mm thick SFS TDC-T-6.3 x 38 or equivalent
To Masonry or Concrete	Pre drill hole - use self tapping fixing suitable for masonry/concrete - SFS TB-T range/EJOT 4H32 or equivalent
To side laps or closures etc.	Self drilling stitching screw typically SFS SL range / EJOT SF25 or equivalent

### Deck fixing on MetFloor® 80

