

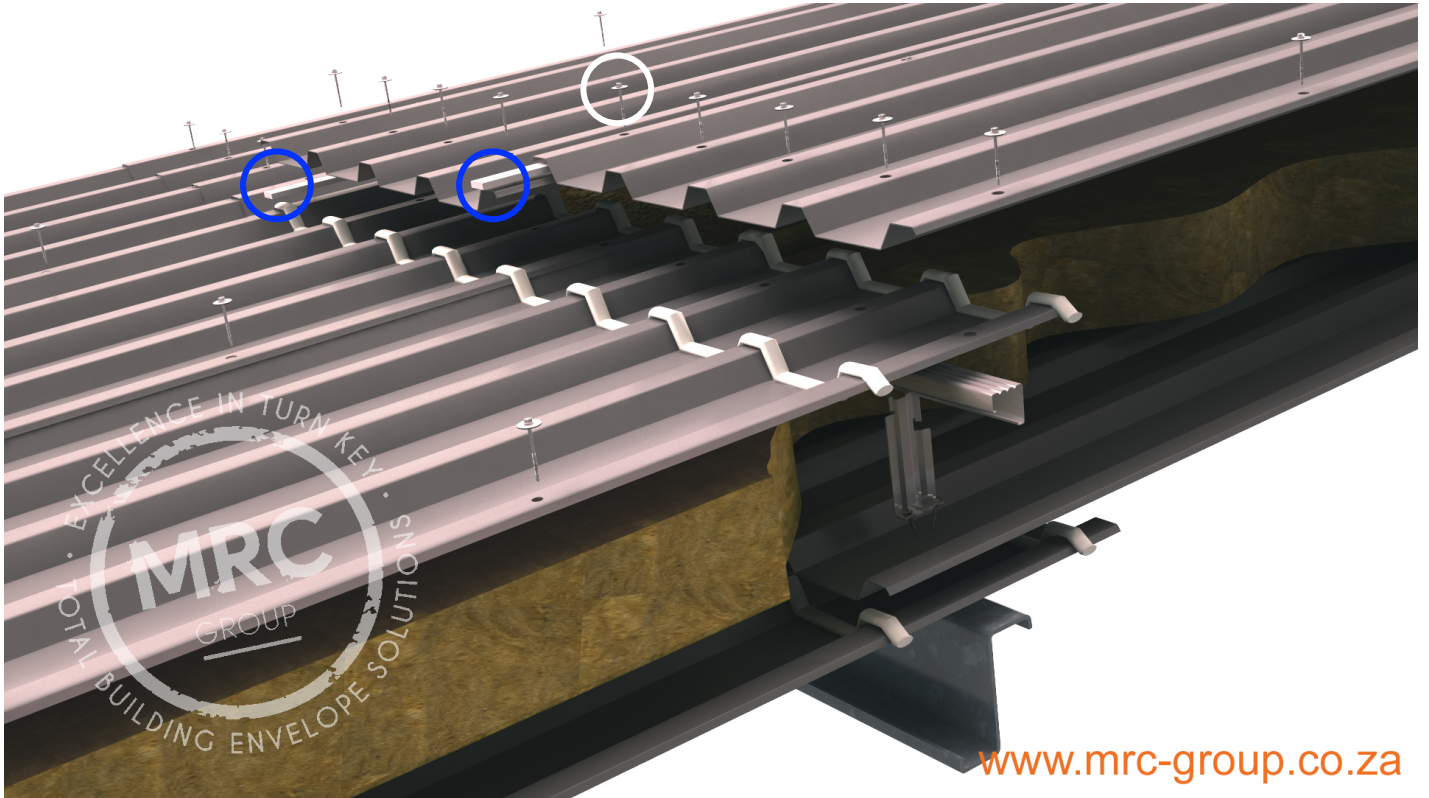
# THE FERRUM RANGE

Excellence in Metal  
Roofing & Cladding

[info@mrc-group.co.za](mailto:info@mrc-group.co.za)  
[www.mrc-group.co.za](http://www.mrc-group.co.za)



## EXCELLENCE IN CONSTRUCTING PIERCED FIX SHEETING – SIDE LAPS



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### EXCELLENCE IN CONSTRUCTING 'PIERCED FIX' ROOF SHEETING SIDE LAP DETAILS:



All 'Pierced Fix' roof sheeting should be installed with fasteners at 500mm centres maximum on every side lap.

If the roof pitch is less than 7.5 degrees then side lap sealant tape should be installed between the roof sheets to ensure no water ingress.

For a side lap detail to be effective, the detail must prevent direct and wind driven water from entering the building, close off the insulation void and also accommodate thermal movement.

MRC Group's commitment to excellence in roof sheet detailing is backed with the unrivalled single source 'Guardian' System Warranty that covers design, materials, installation & maintenance for the term of the roofing and cladding system.

### ESSENTIAL KEY COMPONENTS:

-  FASTENERS AT 500MM CENTRES MAXIMUM
-  SIDE LAP SEALANT TAPES BETWEEN ROOF SHEETS

All side laps must be stitched at 500mm centres maximum and side lap sealant tape used below 7.5 degrees.

Please note it is essential that **ALL** components are installed correctly to withstand the impact from wind driven rain and to stop water ingress

JOHANNESBURG – DURBAN – CAPE TOWN

For project specific specifications, CAD Details, Samples or technical assistance please contact our technical department on +27 (0) 861 672 476 or refer to our Technical Brochure available on [www.mrc-group.co.za](http://www.mrc-group.co.za)

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### TECHNICAL DATA FOR CORRECT CONSTRUCTION:

#### SECURING THE SIDE LAP

Class 3 or 4 (depending on the location of the site) tapered stitching screw fixings complete with washers to suit the roof sheet material, are to be installed at EVERY 500mm centres maximum.

#### SIDE LAP SEALANT TAPE BETWEEN THE ROOF SHEETS ON ALL ROOFS BELOW 7.5 DEGREES.

It is essential to install 1 continuous compressed 8mm diameter continuous self-adhesive butyl tape or impregnated polyurethane foam sealing strip between each adjacent 'pierced fix' roof sheet to ensure a clean, dry and high performing detail on all roof below 7.5 degrees.

#### SYSTEM WARRANTY

Up to 20 year, single source 'Guardian' System Warranty covers Design, Materials, Workmanship & Maintenance.

#### CAUTIONARY NOTE

For the long term performance of any side lap detail, it is essential that all components are installed correctly. Should any of the components such as stitching screws be omitted or if the side lap sealant tape is not installed in roofs below 7.5 degrees, then water will enter the detail.

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