

Manufacturing process

JSW SMD manufactures TR60/80 and TR50 profiled metal decking sheets and its accessories. For manufacturing deck separate two machines are there one is for TR60/80 profile (installed in Aug 2010) and other is for TR50 profile (installed in Dec 2017). For accessories separate machines are there. Deck Sheets are manufactured by using the “Cold Roll Forming” Process.

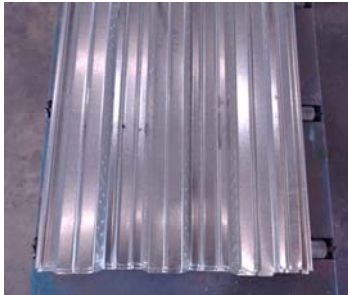
The products are sold as per gauge requirement. Products are mentioned below:

TR60/80/50 – Metal decking sheet

Accessories are Edge trim/Flashing/End cap/Restraint straps/Shear studs/Ferrules

Pics of the same are below:

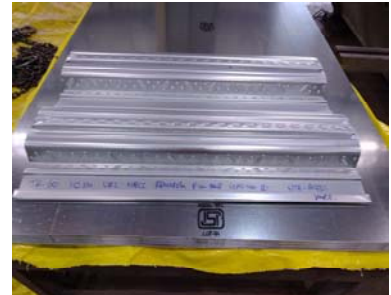
JSW Structural Metal Decking Limited - Products



Profiled Metal Decking
Sheets TR50



Profiled Metal Decking Sheets
TR80



Profile Metal Decking Sheets TR60



Edge Trim or Flashing



End caps



Restrain Straps



Shear Studs
19X95mm And
19X120mm



Ferrules

Our raw material is Galvanized Coil and the same is purchased from suppliers like JSW STEEL LTD.

The coil is then passed through sets of rollers, on a Roll Forming Line to give it a designated Corrugated shape of the intended deck profile.

This profiling of deck sheets is identical to that of manufacturing of corrugated, GI or Colour Coated Roofing Sheets.

Whereas the roofing sheets are used for covering the roof, the deck sheet is used as a permanent Flooring solution, for steel buildings. This is similar to traditional wooden shuttering in RCC buildings.

On top of the deck sheet so installed, slab is cast.

Whereas in a traditional RCC structure, the shuttering is removed once the slab is set, the deck sheet acts as a permanent shuttering and is part of the steel structure of the building.

You can view the manufacturing and installation process by visiting on the below link, at present we are not providing installation services as it is mostly done by clients internally:

<https://www.jswsmd.in/manufacture.html>

<https://www.jswsmd.in/installation.html>

Thanking You

JSW Structural Metal Decking Ltd