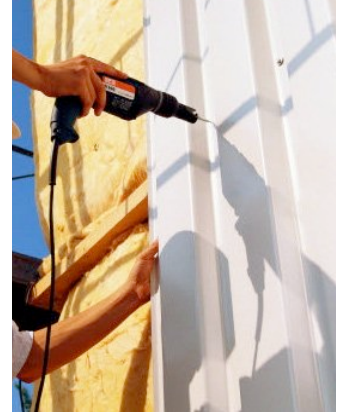


## Assembly Details Of Single Layer Corrugated Sheet

Due diligence must be paid for some cases during the single layer corrugated sheet assembly:



1. Before starting the single layer corrugated sheet assembly, one of the issues that must be considered is to determine the direction of the dominant wind. The corrugated sheet assembly must be performed at the opposite direction of the dominant wind.
2. The fittings to be used at the roof corrugated sheet assembly must be assembled to the construction over the ribs by means of vertical and EPDM sealing washers. For the wall corrugated sheets, they must be assembled from inside of the rib and again by using the same featured fittings.
3. Roof deck sheets must be fixed to the construction by each rib at the ridge and eaves zones, according to the wind force, and provided no empty purline order is left, a minimum of 2.5 fittings per m2 must be reached to. The number of the screws to be used in the assembly must be according to the state of the wind and in the amount required by the details.
4. In order to avoid the possible leaks at the roof corrugated sheets, the assembly must be made from the ribs together with the fixed chute. While selecting the fixed chute, the fixed chutes that are appropriate to the form of the corrugated sheets, that do not get damaged during the assembly and that do not lose their specifications for long years, must be selected. On the roofs where the fixed chute is not used, the diameter of the epdm sealing washer of the screws must be 22 mm at minimum.
5. Longitudinal overlays of the corrugated sheets must be done at 20 cm according to the slope and must be fixed to the construction from each rib from the overlaying zones. If the width of the purlines under the overlays is small, then a metal sheet must be used on the purline.
6. Tape must be applied between the overlays at roofs with low slope.
7. The metal burrs released by the connection elements during the drilling of the corrugated sheet may cause rust due to weather conditions and therefore, this waste must be either swept away or cleaned over the roof surface by means of a magnet.
8. The contact of the substances such as steel purline, concrete and plaster, etc. with the panel metal coating during the assembly must be prevented by means of an isolation material or dye.
9. If there is double layer corrugated sheet application, then the surfaces of the interim Z or box profile contacting with the corrugated sheet must be isolated by means of a sponge in terms of heat transfer.
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Assan Panel reserves the right to make changes in this file that has been issued for informative purposes.