



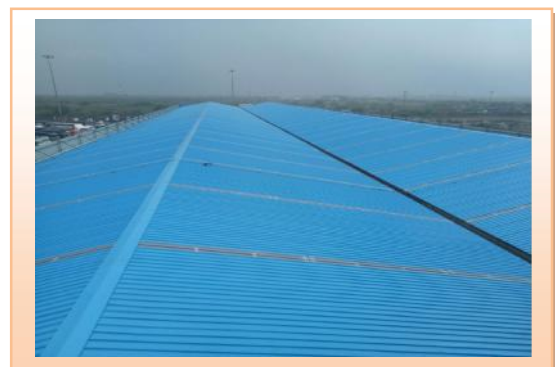
MAXROOF CORPORATION PVT. LTD.

Case Study – 01 Aug 2018

DP World Project At Mundra Port, Gujarat, India

❖ **Fact File :**

- Project - DP World Project At Mundra Port
- Location - Gujarat, India.
- Area – 26,500 Sqmtr
- Façade Design – Maxroof Design Team
- Product – MxRib Color Coated Galvalume Sheets
- Application – Roofing & Cladding



- ❖ **Roofing & Cladding** – The Roofing & Cladding of a building is an important part because it serves different application ranging from architectural to engineering point of view. Roofing not only acts as a weather protection to building but also gives aesthetic appearance to building.



❖ **Client Concern Before Starting Of Project –**

- Project being located close to the sea shore, existing façade was time and again attacked by heavy wind force.
- Maintenance of roof, rust due to salty climate.
- Heavy Leakage from existing roof because of damage to it.
- Due to aforesaid, GI Sheet was not applicable for such surrounding as GI sheet rusts soon.

- ❖ **Maxroof Solution** – Eventually Maxroof was chosen for the application where strong infrastructure & rust resistant material was required against heavy wind & salty atmosphere.

We understood the need of our customer and gave them right solution. We Surveyed & examined the site, as the project was near sea-shore, our Technical team brainstormed over the problems and figured out the below solutions –

- **Heavy Wind** - As the project was near the sea-shore. The Building structures & sheeting were at high risk due to heavy wind & there were great chances that the roof sheets may blow-off. Our expert team advised to use Cyclonic Washer along with larger diameter self-tapping fasteners to increase the grip on sheets and maintain a strong connection with secondary structural members against heavy wind.
- **Rusting to sheets** - Being site situated at sea-shore and due to salty atmosphere the sheets were rusted completely and there was heavy leakage in the shed. Client has installed color coated Galvanized steel sheets, which is not an ideal material for such atmosphere. Thus, we decided to apply Color Coated Galvalume Steel sheets, which will increase the life of Roof 3 to 4 times more in such worse climate conditions & also we suggested higher thickness of material.

The project was timely completed following all the principles of zero accident vision and safety with utmost quality. DP World Project at Mundra Port found Maxroof to be customer gratifying and awarded **Maxroof** as an Excellent Service Provider.

Solution	Service	Satisfaction	Success
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