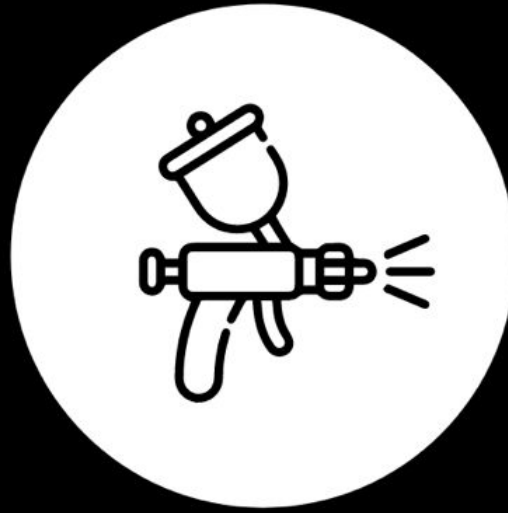




PEB 360° Solutions
Black & White. Nothing Grey!



Is your PEB **Paintworthy?**

हर चमकने वाली वस्तु सोना नहीं होती।

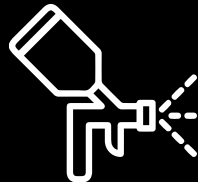




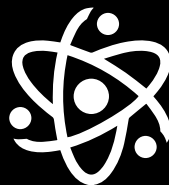
- Does your PEB vendor bother about surface finish?



- Does your PEB vendor use the right quality of paint?



- What micron of paint should you ask for on your PEB structure?





Does your PEB vendor bother about surface finish?

Checklist for Surface Finish of a PEB Structure

- Shot blasting by a proper machine to give SA 2.5. (SA - Swedish Standard)
- Cleaning of surface with hot compressed air

Why is surface finish important for your PEB?

1. Mill scale, Dirt, Oil and Rust are integral part of any steel processed in the factory. This must be removed to ensure that paint is applied on the virgin surface of the virgin metal.

2. The surface develops crests and valleys to make the same rough in order to hold the paint strongly. The Swedish standard SA2.5 is recommended and widely

Caveat:

Never allow your PEB structure to be sandblasted as per Pollution norms of Govt of India. If PEB vendor is not even sandblasting, he is saving at least Rs 1000/Ton cost and minimizing the life of paint on the PEB structure and therefore the PEB structure as well.

It is recommended to avoid Red Oxide on the surface before painting to ensure that the full surface is coated with paint to the extent of 80 - 100 microns



Does your PEB vendor use the right quality of paint?

Checklist for choice of right quality of paint

- Choose your paint according to the environment in which the PEB structure will exist.
- Brands recommended : Asian Paints, Berger, Nippon, Jotun.

What is the problem with non standard local paint brands?

- ❶ Do not follow ISO 12944 standards.
- ❷ Volume solid is very low. Standard brands promise upto 63% Volume Solid. This increases the coverage of paint on the surface leading to a lesser cost per sq meter for standard brands.
- ❸ DFT per coat is more leading to less micron of paint layer. (Normally less than 40 microns)
- ❹ Possibility of Shade variation between batches.
- ❺ Do not have any Technical service team to standardize the paint application.

Reference Table to cross check micron of paint vis a vis life of steel.



What micron of paint should you ask for on your PEB structure?

Checklist for micron of paint you must ask

- You must ask for 80 micron of paint.
- Paint must be DTM (Direct to Metal)
- Post painting a heat treatment oven must be there for curing the paint applied.

Benifits of Direct To Metal



Reduces costs



Saves Time



Rust & corrosion protection




Tolerant of diverse weather conditions

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