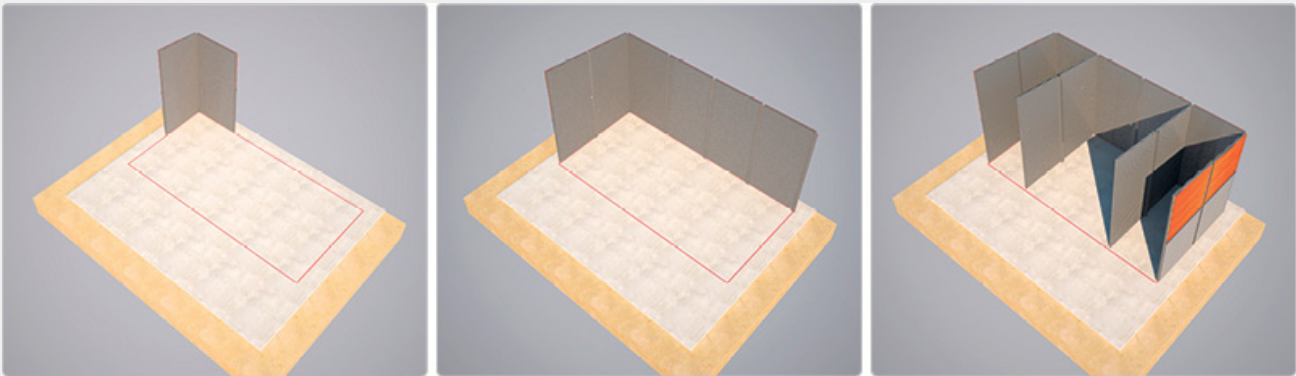# What we mean by
prefab modular

Step 1: Erect Wall Panels

Mark out and drill holes for vertical joiner channels in concrete. Bolt first channel into place with chem-set anchors, stand up pre-clad wall panels and bolt through channel into thread insert, repeating this until all panels are bolted to channels and all channels are bolted to concrete. Ensure building is square and check dimensions against set out plans through the process.
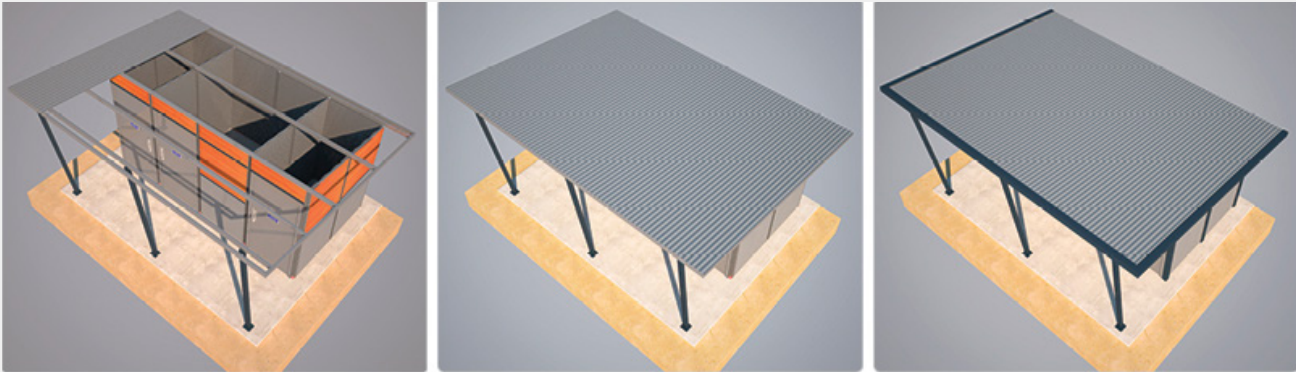

Step 2: Install Roof Frame and Sheeting

Lift roof purlins safely into position above walls, and bolt through brackets on top of each joiner channel into thread inserts in the purlins. Then fit rafters to purlin ends, also bolted into thread inserts. Fit verandah columns to purlins using the same method, and bolt through base plates in concrete with chem-set anchors. Fit roof sheets to purlins using colour match tek screws provided.

Step 3: Fit External Trims and Internal Fixtures

Fit external trims to roof edges, building corners and panel joins to complete the building. Install internal fixtures as per manufacturer's instructions.

Benefits of installing with prefab modular system

- **Faster Project Completion:** The overall project timeline is shortened since site preparation and module construction can occur simultaneously.

- **Cost effective:** Saves time in installing requiring less labor and thus reducing construction waste.

- **Reduced site disruption:** With most of the construction happening off-site, there's minimal disturbance to the site area, which is ideal for sensitive locations or areas with limited access.

- **Sustainable:** Prefabrication results in less waste and more efficient use of materials, contributing to a smaller environmental footprint.

- **Anti-vandal:** In the unfortunate event of damage, simply unscrew the damaged sheeting and replace it. This approach keeps the building looking fresh and resilient, all at a minimal cost.