ENSURE site relevant personnel have read and understood

PPE usually required on a construction site while handling timber in-fills.

Additional PPE required while cutting treated timber in-fills.

HAZARDS

- Timber is a natural product with seen & unseen defects eg: knots & splits that may result in breakage.
- In-fill boards kicked or knocked off the product.
- Weather conditions causing in-fills to move.
- H3 chemical treatment present.
- Rough sawn timber can be prone to causing splinters when handled.
- Inhaling treated timber sawdust during cutting process.
- Muscle or back strain from manual handling
- Working at height.
PRE-OPERATIONAL SAFETY CHECKS

- Specify 150 or 200 x 25mm thick pinus radiata timber in-fills. No visible defects greater than ¼ of board width.
- Include note and timber in-fill diagram on shop drawings and provide this notice to our customer at time of tender and with shop drawing approval issue.

**TIMBER INFILLS**

_EACH PIECE OF TIMBER INFILL MUST BE INSPECTED BY THE PERSON INSTALLING THE TIMBER INFILLS. IF THERE ARE KNOTS OR CRACKS OR OTHER WEAKNESSES ACROSS MORE THAN 1/4 OF THE WIDTH OF ANY BOARD, THEN THAT BOARD MUST NOT BE USED AS A TIMBER INFILL._

**REINFORCING MESH SHOULD BE PLACED OVER THE INFILLS PRIOR TO OTHER WORK ON THE FLOOR.**

- Ensure the staff installing the in-fills have read and understand this safe operating practice.
- Limit maximum clear span to 750mm for 25mm thick boards. Spans greater than 750mm place a prop under or use 40mm thick boards to a maximum clear span of 1200mm.
- Have props ready to install for longer timber in-fill spans noted above.
- Have mesh or reinforcement ready to be placed immediately after timber in-fills have been placed.

**DURING OPERATION**

- Timber in fills should fit tightly into trowelled rebate on the edge of the prestressed concrete product.
- **Contractor to inspect each board** as they place them discarding boards that do not meet this documents defect specification.
- Refrain from standing on the timber in-fill in place, especially all of your weight on a single board. Step only on the concrete product.
- Lay mesh immediately after placing the timber in fills.
- Use dust mask around all cutting.
- Spread topping concrete evenly when placing and avoid mounding concrete up.

**HOUSEKEEPING**

- Do not burn waste due to fumes to air and potential damage to domestic fire boxes from treatment chemicals.
- When finished tidy up the work area; place waste in skips or recycle.