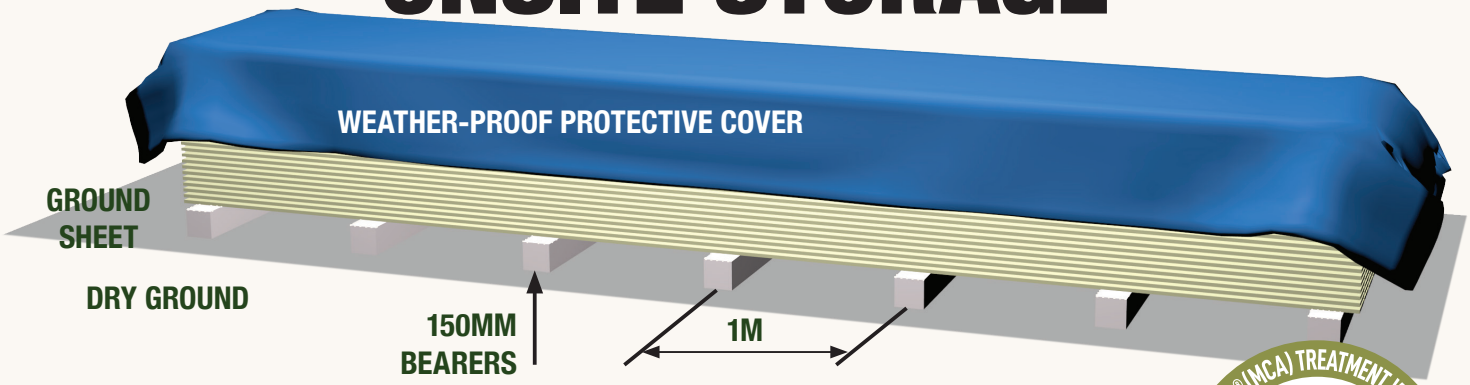
KEEP IT DRY

YOU MUST READ THIS

ONSITE STORAGE



Before you store, install and paint your KLC Generation 2 H3.2 Timber Products

- MUST remain dry at all times prior to installation.
- MUST be stored indoors on a flat surface off the ground, on bearers 150mm above ground, supported every one metre.
- If stored outside, there MUST be a moisture barrier (ground sheet) under the stack and a secondary waterproof cover. Allow for a good air circulation.
- Keep out of direct sunlight and protected from both rain and ground moisture uptake.
- Ensure that the framing and cavity battens are dry prior to installation. The underside of the weatherboard is vulnerable to water ingress if the moisture content is higher than 15%.

Note: Generation 2 H3.2 products are made from kiln dried timber. Timber will absorb moisture in a damp environment and release it in a dry environment. If Generation 2 H3.2 products do absorb moisture prior to installation, dimensional swelling may occur, this will disappear when the timber returns to its original moisture content. If the boards have become wet, check the dimensions of the profile. If the dimensions are larger than the specification leave the boards to dry and regain correct profile specifications before installation.

CODEMARK™
CM70062

"Congratulations on the purchase of your KLC Generation 2 H3.2 profiled product. Generation 2 H3.2 products come with a 50 year treatment warranty provided you store, install and paint your Generation 2 H3.2 products correctly. Please read this document carefully before using the product."

Kevin Lewis
Managing Director
KLC Limited

Natural. Durable. Classic.

Generation 2

NZ Timber Cladding Systems

PROUDLY MADE IN NZ BY KLC
Naturally Better

Installation

- Visit www.klc.co.nz/installation-guides for the Generation 2 Installation Guides.
- Installation must be by a Licensed Building Practitioner (LBP) or supervised by an LBP. Please refer to BRANZ Bulletin Number 468 Fixing of Timber Weatherboards.
- Do not install Generation 2 H3.2 weatherboards if their moisture content is over 15%.
- Re-Prime all cut ends, mitres, notching's, borings with 1 coat of alkyd primer.
- On Bevel Back profiles, nails and fixings are to be located 42mm above the lower edge of the board penetrating 35mm into the framing.
- Use 75x3.15 Hot Dipped Galvanised nails for fixing Generation 2 H3.2 Exterior Claddings. Refer to BRANZ Bulletin 468 and E2/AS1 for complete list of fixing options.
- If building in "seaspray or geothermal zones", it is the building designers responsibility to ensure all specified fastenings, fittings, and flashings comply with NZS 3604, Section 4 - Durability.
- Avoid joining Generation 2 H3.2 weatherboards whenever possible, but if unavoidable use a 45 degree scarf joint directly over studs or Generation 2 H3.2 FJ Cavity Batten. Care must be taken to angle mitre joints away from the prevailing weather, and or use flat soakers. Alternatively, a butt join is acceptable using flat soakers.
- Hand nailing is recommended as nail guns can cause damage to the surface of the board. If a nail gun is used, a non-marking attachment should be used to avoid damage to the surface. As soon as nails are punched below the surface of the weatherboard they must be primed and then filled with an exterior grade filler immediately to prevent moisture uptake in the weatherboards.
- Single nail all weatherboard profiles, regardless of size. Nailing boards together will likely result in split boards.
- Pre-drill all boards 50mm from the end to avoid end splitting.
- Leave a 2mm expansion gap in the lap of rebated profiles i.e. Horizontal and vertical profiles to allow for expansion and contraction.
- Timber weatherboards are designed to accommodate thermal, seismic and moisture related movement in the boards laps. Each weatherboard is single nailed so that the weatherboards can expand, contract and move independently of each other. KLC does not recommend the use of any sealant glue which inhibits the natural and ongoing movement of the weatherboard.

Painting your H3.2 MCA treated products

- When using pre-primed weatherboards and fascia ensure an undercoat base coat and 2 topcoat painting occurs soon as possible after installation. If boards have been exposed for longer than 4 weeks, some dimensional swelling or distortion of the board may have occurred during unprotected exposure to the elements. Also, some sanding and re-priming may be required.

Check for:

1. The moisture content of the boards before painting. Equilibrium Moisture Content (EMC) should be at 15% or less. Use a correctly calibrated moisture meter to check.
2. Once installed, remove any dirt and surface contamination by sanding and dusting down. Spot-prime any exposed timber with two coats of oil primer. Spot-prime the filled nail holes. Any sealants used should be of a flexible exterior grade and suitable for over coating with acrylic paint
3. Once undercoated, simply apply two coats of 100% premium acrylic low gloss house paint to the manufacturer's specification, at a rate of 12-14m2/L.
4. Once applied, the two topcoats should have a combined thickness of no less than 50 microns.
5. The onus is on the painter to ensure that the primed surface remains well adhered to the timber substrate and is a suitable base for the subsequent topcoats. This is particularly important where the boards have been exposed for longer than 4 weeks before top coating. Painters should refer to the AS/NZ 2311:2017 Guide to Painting Buildings.

COLOUR CHOICE

- Darker colours will absorb heat from the sun and may cause excessive movement, distortion, splitting and possible resin bleed.
- Light colours reflect the suns heat. Therefore, only light colours with a light reflective value (LRV) of greater than or equal to 45% may be used. Refer paint colour charts for details.

VOIDING THE WARRANTY

- The KLC warranty will be void if dark colours with a Light Reflectance Value (LRV) less than 45 are used.