GLOSSWOOD®

ARCHITECTURAL TIMBER

GW x Abodo: Mallee

INSTALLATION AND MAINTENANCE GUIDE

PRODUCT HANDLING

- Weatherboards and accessories must be kept clean dry, under cover and out of the weather prior to installation.
- Timber must be stored horizontally on bearers at least 100mm off the ground.
- Extra care must be taken during installation so as not to damage the factory finish of the boards. Wear clean gloves during installation to avoid marking the face of boards.
- Wear dust mask, eye protection when cutting timber.
- Do not burn treated timber. Dispose of off-cuts in lined land fill or an approved furnace.

INSTALLATION

- Timber framing is to be in accordance with AS1684, steel framing in accordance with NCC and manufacturer requirements. Studs at max 600mm centres.
- Fix cladding over a water proof, breathable building wrap (sarking), rigid airbarrier or other suitable waterproof substrate in conformance with the NCC.
- Horizontal cladding may be direct fixed or fixed over cavity battens. Vertical cladding must be fixed over horizontal structural cavity battens. Cavity method is recommended for optimal weather tightness and in wet or humid climates.
- Horizontal structural cavity battens must be minimum 70x35mm or 45x45mm H3 treated MGP10 or equivalent timber over continuous vertical timber counter-battens; or 10mm plastic or timber spacers placed every 600mm at each stud fixing point. Vertical cavity battens must be minimum 35x18mm H3 timber sized to match the stud width.
- Cavity battens must be structurally fixed to studs with HDG or stainless steel flat head nails or 10g screws staggered at min 600mm centres and with min 45mm fixing penetration into timber stud or 3 heads deep into steel stud.
- Fix cladding either vertically or horizontally as appropriate to the profile type specified at maximum 600mm centres.
- High quality hot dipped galvanised fixings (secret fixed profiles only) or stainless steel fixings (face fixed profiles) must be used. Stainless steel fixings must be used in sea spray zones in all cases.
  NOTE: Silicone bronze/copper fixings can be subject to oxidation during weathering, resulting in discolouration and weeping around fixing head.
- Fix with self drilling self countersinking head screws so as to achieve 30mm penetration into timber stud or structural cavity batten; or 3 threads deep into steel stud and positioned 12mm from the tongue edge. Punching/puttying of fixings is not required. Screw fixing is recommended.
- Fixings at ends of boards must be at least 12mm from edge, and must be pre-drilled before applying fastener.
- Ensure 2mm expansion gap to back of boards.
- All cut end grains, ripped edges and notches must be sealed with timber insecticide preservative such as Tanalised Enseal Clear or equivalent. All exposed end grains must be sealed using Abodo's Protector End Seal or equivalent wax sealer, or Sioo:x End Grain Sealer in the case of Sioo:x coated boards.
- Joins between board ends must be made over studs/battens only, with joins off-set by minimum 400mm, using a 35degree mitre, and application of sealant at the join eg: Sikaflex 11FC. Excess sealant can be cut and peeled away once cured.
- For cavity systems use perforated cavity base closer flashing at base board to allow drainage, air flow and keep out vermin.
- Cladding must finish 100mm above paved surface or 175mm above un-paved surfaces. Base of cladding must not sit directly into flashings or other cladding materials such as masonry. Minimum 5mm gap must be left to flashings allowing fall to shed water away from the wall cavity.
- Use Abodo finishing mouldings backed by corrosion resistant flashings as required, corners, windows, doors and where cladding meets soffit.
- Fix mouldings with 40mm stainless flat head ring shank nail (hand driven) at max 450mm centres.
- One or two coats of Protector oil or proprietary specified wood stain must be applied to exposed face and edges once boards are fixed in place according to manufacturer's instructions. For other specialty coatings such as Sioo:x refer to specific literature

MAINTENANCE

- Wash down every 12 months with gentle detergent, warm water and soft brush. High pressure water blasting is not permitted.
- If possible for optimal long term coating performance it is recommended to apply a further coat of oil after approx 12 months of weathering.
- Make a maintenance check every two summers. Check all weatherboards, junctions, flashings, mouldings and replace or remediate as required to maintain weather tightness of the cladding system.
- For heavily soiled or mouldy areas use Rejuvenator or similar timber cleaner, apply active mouldicide and re-coat with penetrating oil.
- Re-coat every 2-3 years or as required to maintain colour and integrity of coating. Re-coat period may be longer or shorter depending on climatic conditions and/or positioning of cladding to the sun. Preparation with Rejuvenator or other similar oxalic timber cleaner is recommended prior to coating.

SURFACE CHECKING

Checking (cracks) may be observed on the face and ends of Vulcan timber. Checks are acceptable to install. Checking may become more apparent as the material weathers naturally in place. Some dimensional movement of boards is also possible including slight cupping and lifting at the ship lap area. These are not defects and are considered a natural part of this wood product. Maintenance with a coating and thorough sealing of end grains and notches with Abodo's Protector End Seal or equivalent wax sealer will improve long term weathering characteristics.