



TECHNICAL BULLETIN

Application of CCW MiraDRI 860/861 on Plywood Decks

The use of CCW MiraDRI 860/861 for waterproofing above grade plywood decks is an accepted and recommended application for this product. The advantages of using the CCW MiraDRI 860/861 System for plywood decks include excellent adhesion to plywood without the use of bonding adhesives and easy to install splices, detailing and terminations.

Carlisle's published specifications and details should be followed, including these additional surface preparation and detailing steps specific to plywood substrates (See Carlisle detail 860-12):

1. Slope deck 1/8" per foot minimum. Install exterior plywood per American Plywood Association (APA) recommendations. Use plywood with Grade B or better veneer for the surface to receive the membrane to minimize surface preparation. Fill knotholes, voids, or damaged areas with CCW-703 Liqueal® or CCW-201 Polyurethane Sealant.
2. All butt joints in the plywood should be flush and supported by framing or blocking. The use of tongue and groove plywood is recommended to reduce the need for extra blocking.
3. Fasten plywood per APA recommendations with non-backing fasteners such as screws or screw-or-ring-shank nails.
4. Plywood must be clean, dry, and free of projections. If plywood has become dusty or dirty, sweep or wash off all contamination and allow to dry thoroughly. Prime with CCW-702 at 300-350 sf/gal.
5. Joints in the plywood should be covered with an 8" minimum strip of CCW MiraDRI 860/861.
6. Install the membrane working from the low point on the deck upwards so that the laps shed water.
7. Terminate membrane per Carlisle published details. Apply CCW-704 Mastic or CCW-703 V to all terminations and T-joints at the end of each day.
8. All exposed CCW MiraDRI 860/861 membrane and flashing must be covered to prevent long term exposure to ultraviolet light. Vertical flashings should be covered by a metal counterflashing or by the wall surfacing material.
9. Protect the CCW MiraDRI 860/861 membrane from damage from construction traffic and overburden placement with CCW-Protection Board H.