

MiraPLY-H Installation

DESCRIPTION

MiraPLY-H with SeamLOCK Technology is a 70-mil horizontal grade, self-adhering, blindside waterproofing membrane. The dual laminate membrane fuses a 25-mil gray, butyl adhesive coating (top surface) to a 45-mil thick, black, reinforced TPO sheet (bottom surface). The top surface has a Factory-Applied-Tape (FAT™) providing the primary self-adhesive selvedge while the bottom surface has a pre-primed strip providing a secondary self-adhesive selvedge. Together, these dual self-adhesive selvedges create the MiraPLY's SeamLOCK technology.

INSTALLATION

- Start the installation at one corner of the building. Unroll the first sheet of MiraPLY-H square/parallel to the shoring system or formwork starting at one corner with the black TPO side facing down and the gray adhesive coating side facing up.
- Unroll the next sheet of MiraPLY-H lapping the SeamLOCK pre-primed strip onto the previously installed sheet a minimum of 3".
- Stagger end laps in open field areas and extend onto adjoining sheets a minimum of 3".
- Ensure that the membrane lays flat and no openings are visible.
- In cold weather installations, contact your local CCW Representative or CCW Technical Services at (888) 229-2199 for "Best Practices" and techniques.

SIDE LAPS

- At side laps, simultaneously remove the release liner on the factory applied tape and pre-primed strip then mate the two sheets together to form the SeamLOCK.
- Roll the side lap using a hard rubber roller and firm hand pressure.
- Avoid overlapping beyond the edge of the FAT; best practice is to have 1/8-1/4" of exposed FAT adhesive along the length of the side lap.
- Refer to Detail MP-90.

END LAPS

- At end laps, ensure the TPO and adhesive coating surfaces are clean and free of debris and surface contaminants.
- Position 6" MiraPLY Seam Tape in the lap area and align with the end of a roll or a field cut. Roll MiraPLY Seam Tape using a hard rubber roller and firm hand pressure.
- With both release liners still in place, align the next roll of CCW MiraPLY over the Seam Tape. Avoid overlapping beyond the edge of the Seam Tape; best practice is to have a 1/8-1/4" of exposed Seam Tape adhesive along the width of the end lap. Remove the release liner and join the two sheets together.
- After seam is fully constructed, roll the entire seam area with a hard rubber roller using firm hand pressure.
- The T-joints formed at either end of the end lap shall be sealed with a 6" x 6" patch of MiraPLY Detail Tape. Align the patch over the center of the T-joint, remove the release liner and roll into place. Care should be taken to ensure the tape has adequate contact to all 3 sheets that formed a T-joint. This is best accomplished using a "V" roller or detail roller in addition to the hard rubber roller.
- Refer to Details MP-90 and MP-91