

60 mil Vinyl Installation Instructions

READ ALL DIRECTIONS AND WATCH OUR ONLINE 60 ml VIDEO BEFORE BEGINNING

IMPORTANT: In inclement conditions, the plywood must be kept dry. Make a barrier by suspending a tarp at least 24" from the deck surface. Hint: Use the roof fascia.

WHEN TO APPLY: Temperatures between 10°C/50°F and 35°C/95°F (SnapTac) are best. For Water based Adhesive, wait until the weather is consistently 15°C/59°F - 35°C/95°F with no freezing overnight. **Read "preparation" before beginning.** The plywood surface must be clean and dry, with no more than 12% moisture content.

IMPORTANT: Do not apply adhesive when the deck is hot to the touch from direct sunlight.

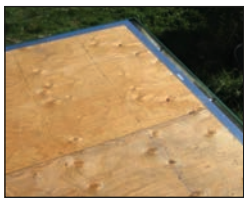
Note: Ducan does not warranty dek-master® on stairs.

Note: It is not necessary to install Ducan dek-master® vinyl on pressure treated plywood. If pressure treated is a city requirement there should be no more than 12% moisture content in the plywood. Do not apply to K-3 board, particle board and OSB, as they are not recognized as a suitable exterior sub-floor material.

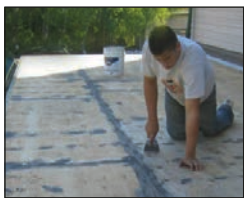
1. Carefully sweep off the deck surface and make sure it is free of all debris.



2. Install 2" x 4" galvanized 90° metal flashing at the house to deck interface. This will act as an attachment transition between the deck surface and the house. It is optional to install galvanized metal cantstrip over this flashing at the house to deck interface.



3. Install galvanized non return metal flashing around perimeter to protect the edges of the plywood from moisture and to act as an attachment for the vinyl. Install 1/4" away from the edge of the plywood using 1 1/4" galvanized ring nails every 6", starting from the center and working your way out.

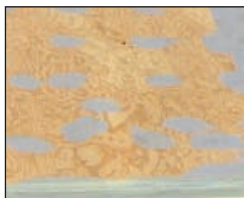


4. Once flashings have been nailed to the deck, fill all joints and surface imperfections with dek-master® Dek-Patch joint filler and patching compound. Follow mixing instructions on the label. Fill all joints, screw indentations, surface imperfections and transition of flashings to the deck surface. It is important when leveling out the flashing's edges that the Dek-Patch doesn't build up on the top surface. To avoid grinding or sanding, scrape off excess Dek-Patch ridges with a trowel before it sets.

IMPORTANT: Do not allow the Dek-Patch to freeze for 24 hours. **DO NOT ALLOW DEK-PATCH TO GET WET AFTER IT HAS BEEN APPLIED.**

Your surface is now prepared and you are ready to install your waterproof dek-master® sheet vinyl. Do a review of the video, brochure and website before proceeding.

Tip: To be sure the vinyl is square on the deck draw a chalk line and use pencil markings so that when you unroll the vinyl you can be sure that the sheets are square on the deck surface.



5. The pattern of the vinyl is directional. Lay each sheet in the same direction. When measuring, lay out dek-master® vinyl to ensure the fewest possible seams. Always start from the furthest point from the building and allow 2" of vinyl to go over the flashing and 8" for up the wall of the building. Adjust the vinyl sheet to ensure it is parallel to the wall and/or deck edge. Tack within 1" of upper edge to hold in place temporarily. This upper edge (seam area) will be Hot Air Welded so putting a tack or staple in this area is safe.

IMPORTANT: Colour variances from roll to roll are common. Ducan cannot be responsible for any material applied from two separate rolls from a building store. A special order specific to your job may be necessary. Lot numbers can be found on a sticker inside each roll or on the plastic covering.



6. It is not necessary to adhere the vinyl to the flashings until near the end of installation. Only adhere the vinyl to the top of the deck surface. Fold vinyl sheet back half its width (as shown above) and apply dek-master® SnapTac Adhesive or Water based Regular Adhesive to the back of the vinyl and deck surface.

IMPORTANT: Both surfaces must have a complete thin and even coat of adhesive. A 6ml roller sleeve should be used. Follow all adhesive spread rates. Example: One 2.5 gallon of SnapTac Adhesive covers 115sf. Be sure to get adhesive in and around the vinyl fold area. A paint brush may be necessary to get into this tight area. Failure to get adhesive in the fold could result in a long bubbled area.



7. Let the adhesive dry until tacky. Test the tack by placing your fingers to the adhesive coated back side (fuzzy side) of the vinyl. Adhesive should be stringy between your fingers and back side of the vinyl.

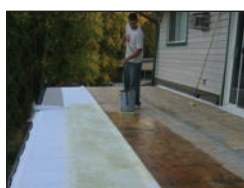


8. Push the adhesive coated vinyl sheet down onto the deck surface by working with your hands from the middle point to the edge of the deck, then outwards to the ends.

IMPORTANT: Ducan recommends using your

hands to smooth the vinyl down. If a solvent bubble forms in the vinyl, smooth it out with your palms. If you find you are acquiring solvent bubbles under the vinyl, this could be from low temperatures or too much adhesive. Push the bubbles down. Most likely after a few days they will dissipate on their own.

Note: DO NOT USE a roller or rolling pin as it can cause stretching of the vinyl



9. Remove tacks or staples and fold the vinyl sheet back as shown above. Apply dek-master® SnapTac Adhesive or Water based Regular Adhesive to the back of the vinyl and to the deck surface.



10. Again push adhesive coated vinyl sheet down onto the deck surface by working from the middle point to the edge, then outwards to each end of the vinyl sheet. The first piece is now adhered.



11. Subsequent vinyl sheets must be overlapped 1" to the adhered vinyl sheets. To prepare subsequent sheets, place a piece of 1" masking tape to the underside edge (fuzzy side) where the overlap will be. It is necessary to follow this step to ensure the soon to be applied adhesive does not interfere with the Hot Air Welding process.

This tape will be removed prior to beginning of the Hot Air Welding.



12. Install 1" masking tape on the edge of the first panel (patterned side). This will protect the vinyl seam area against any adhesive that may end up on it. It will also act as a guide as you slide the corresponding sheet over to achieve the necessary 1" overlap.

This tape will be removed prior to beginning of the Hot Air Welding.



13. For subsequent vinyl pieces, follow the same procedure as you did for the first panel, folding the sheet over half way, adhering and then folding back the other in the same way and adhering. If needed, use waxed paper to protect the previous sheet while gluing the second sheet.

Finishing



A. Hot Air Welding

Overlap joints must be 1" wide and be fully hot air welded.

IMPORTANT: A Ducan recommended, Steinel Hot Welding Kit must be used (written directions and DVD will be in the Hot Air Welding case). Please see a store employee for details or call Ducan Customer Service at 1-800-943-8226. Building stores that stock 60 mil vinyl may also carry a hot air welding gun. Special order vinyl requires renting a hot air welding gun directly from Ducan Products. A How to Hot Air Welding DVD is available for viewing online at www.ducan.com.

Remove the temporary tacks or staples and the two strips of 1" masking tape from under the overlap seam. Be sure there is no adhesive residue in the overlap area before you proceed.

TIP: It is important to practice hot air welding on scrap pieces of vinyl prior to doing your project. Do not use excessive pressure on the roller as you hot air weld and adjust the temperature on the gun to get the right melting point.

The seam, when done, should be slightly rounded at the finished edge and no gaps should be present. Be sure to run your fingernail down the seam edge when cooler to check for openings and re-hot air weld if necessary.

Hot Air Welding seams is an option for the 45 mil vinyl and is a requirement for the 60 mil vinyl.



B. Finishing the Edges

Now that your deck surface is completely sealed it's time to prepare for the vinyl attachment to the perimeter flashings and (optional cantstrip) and edge leading up the wall of the building.

NOTE: If using Water based Adhesive for the main deck area, Trim Adhesive will be required for adhesion to metal trim or 90° flashing.

C. Cantstrip Finishing & 8" Up Building

Make sure the vinyl is completely adhered to the optional cantstrip and the 90° flashing leading up the wall by using dek-master® SnapTac Adhesive or Trim Adhesive. With a small brush suitable for enamel paints, coat both the optional cantstrip and 90° flashing with SnapTac Adhesive or Trim Adhesive, wait until tacky and adhere. Be sure to get into the crease between the deck surface and up the 90° flashing. Tightly push the vinyl against the optional cantstrip to make sure it is well adhered. Weld the seam over the cantstrip or 90° flashing. Be sure to go up the wall 8" as this is a requirement for permit. Vinyl can be stapled or tacked on the upper edge to the building under the siding to keep it from moving. Re-install the siding over the vinyl.



D. Finishing Perimeter Flashings and Outside Corners

At the corners, cut the vinyl from the outside edge to the deck corner in line with one edge. With a small brush suitable for enamel paints apply another coat of Dek-Master® SnapTac Adhesive or Trim Adhesive to the flashings and onto the back of the vinyl. Be sure to keep the adhesive off the corner areas where the hot air welding gun will be welding the corner flap. Tightly push the vinyl against the flashing to make sure it is well adhered. Fold the outside corner flap around the outside corner first, then pull the top flap over the first. Hot air weld the top flap to the piece beneath. You will also need to weld anywhere the seam goes over the flashing. Using a utility knife, cut all the vinyl evenly in line with the bottom of the flashing. Slide the U-Channel clips over these edges to finish.

Recommended Tip: Apply Overlap Cement every 4" to 6" inside the U-Channel canal to chemically weld it to the vinyl covered flashing. This keeps it securely fastened to the flashing.

NOTE: Side mounted railings are building code, but if installing top mounted railings, be sure to use dek-master® Caulk/Sealant to keep water from penetrating in the post area and in any screw holes in and around the foot of the post.

NOTE: From time to time you may run into a situation that is different from the instructions above. If you have questions, please call our technical support line at 1-800-943-8226.