

# Ducan dek-master® Application Instructions



**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. Ducan does not warranty dek-master® on stairs. **WHEN TO APPLY:** Temperatures between 15C/60F and 30C/85F are best.

**READ TIPS TO MAKE YOUR DECK A SUCCESS and ALL DIRECTIONS BEFORE BEGINNING. SEE WEBSITE VIDEO.**

**This brochure is specific to 31.5 mil and 45 mil vinyl. Please see our 60 mil brochure for 60 mil instructions or visit our website at [ducan.com](http://ducan.com)**

## Application Instructions

1. Sweep deck thoroughly.

2. Once cantstrip and non-return drip flashing have been nailed to the deck, fill all joints and surface imperfections and transition from flashing to deck with dek-master® Dek-Patch joint filler and patching compound.



Follow mixing instructions on the label.

3. The pattern of the vinyl is directional. Sheets should be positioned in **the same direction**. Lay out dek-master® vinyl to ensure the fewest possible seams. Start from the furthest point from the wall and allow enough vinyl to cover down the edge of the flashing completely. Unroll the vinyl sheet and adjust to ensure it is parallel to the wall and/or deck edge. Tack within 1" of upper edge where the seam will be to temporarily hold it in place.



4. Fold vinyl sheet back half its width plus 6" (as shown above) apply dek-master Adhesive to the back of the vinyl (fuzzy side) first, then the deck surface. Be sure to get adhesive on the underside of the fold area using a paint brush if needed. The areas where the vinyl will go down the flashing/cantstrip do not require waterbased or low temp. adhesive. This area will be done later with Trim Adhesive. **Please note: Water based adhesive does not adhere to metal flashing and cant strip. Use Trim Adhesive on flashings and verticle surfaces.**

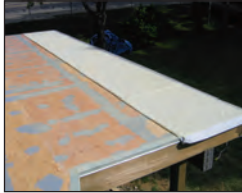
**IMPORTANT: Both surfaces must have a complete even coat of adhesive.**

Let the adhesive become tacky. Test the tack by placing your finger to the



5. Gently unfold adhesive coated vinyl sheet onto the deck surface by working from the middle point to the edge of the deck, then outwards to the ends. Let the vinyl fall naturally, do not pull or force the vinyl into position. This can cause stretching. The vinyl has a memory and if stretched, may pull back to its original state by pulling away from flashing, and/or the overlap seam.

*Ducan recommends using your hands to smooth the vinyl down. If a bubble forms in the vinyl, smooth it out with your palms to remove it.*



6. Remove tacks and fold the vinyl sheet back as shown. Apply dek-master® Adhesive to back of vinyl first, then to the deck surface.

**IMPORTANT: Both surfaces must have a complete, even coat of adhesive.**

7. Repeat step 5.



8. 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 where the overlap will be and to the finished edge see above. It is necessary to follow this step to ensure the Regular Adhesive does not interfere with the Overlap Cement. Remove this masking tape, once the vinyl has been glued down, prior to using Overlap Cement.

## Finishing



### 1. Applying Overlap Cement

Note: Overlap Cement cannot be used with 60mil vinyl.

Remove all previous masking tape. Temporarily apply 1" masking tape 1/16" away from overlapping edge. This is to catch the excess Overlap Cement but also leave a slight line of Overlap Cement to create a moisture proof barrier. Extrude a 1/4" bead of Overlap Cement 1/2" under the overlapped edge. Using the Ducan seam roller on the overlap, apply pressure lengthwise, then crosswise, squeezing some of the Overlap Cement from beneath the seam onto the masking tape.

**IMPORTANT:** To ensure the overlap bond is secure, look eye level to the edge of the seam to make sure there is a water tight seal. A cove should be present on the overlap edge. (There should be no voids where moisture can penetrate under the seam). Add more Overlap Cement if needed. NOTE: Do not use excessive pressure with the seam roller as this could distort the vinyl layer. Only a 1" overlap is required. Making the overlap larger will not allow Overlap Cement to work satisfactorily.

Remove masking tape. Draw excess smooth. As an alternative to Overlap Cement, **hot air welding seams** is an option for the 45mil, but **is a requirement for the 60mil**. Ducan offers the hot air welder along with a DVD for those wishing to do this method. Please contact your retailer or Ducan Customer Service 1-800-943-8226 for rental of this unit.



### 2. Finishing Cantstrip

Ensure the vinyl is completely adhered to the cantstrip by using dek-master® Trim Adhesive, a specially formulated exterior contact adhesive for vertical surfaces, and then with a razor knife, trim vinyl to 1/4" – 1/2" above the cantstrip. Tuck the extra vinyl down between the wall and the cantstrip and caulk using dek-master® caulking.

*Tip: If dek-master® caulking is not available, an outdoor polyurethane caulking may be substituted.*

**IMPORTANT: Do not use silicone or latex based caulking as they are incompatible.**



### 3. Finishing Outside Corners

At the outside corners, cut the vinyl from the

outside edge to the deck corner in line with one edge (See photo 3). This will be folded over and Overlap Cement will be applied after the vinyl has been adhered to the flashing.

Using a paint brush, adhere the vinyl to the perimeter flashing with Trim Adhesive. Avoid applying Trim Adhesive to the area where the Overlap Cement on the outside corners will be applied. When all the vinyl has been adhered to the flashing, trim the vinyl to the bottom edge of the flashing using a utility knife.

Fold the vinyl corner flaps one on top of the other to form a seam line that is directly vertical to the actual edge of the deck corner. Apply Overlap Cement to the underside of this flap and roll with the seam roller until firmly adhered.



Starting at one end of the U-Channel Trim, clip it onto the bottom of the flashing. (See photo 4). For directions on how to go around corners with the U-Channel, please see our instructional video online at [www.ducan.com](http://www.ducan.com).

*TIP: Apply beads of Overlap Cement every 4" to 6" inside the U-Channel canal to chemically weld it to the vinyl covered flashing.*

## Helpful Hints

- Household wax paper can be used to prevent the adhesive from accidentally being applied onto the top side of the vinyl surface. It can be used while rolling over the overlap seam or used against the siding during application.
- Avoid getting adhesive on the vinyl surface. If accidents do occur, clean the spills with a clean damp cloth. **Warning: DO NOT USE SOLVENTS. THIS WILL RUIN THE VINYL SURFACE.** Please see our website FAQ's or call Ducan for further instruction if needed.
- When the vinyl is folded back half its own width plus 6", place cans every 5' on leading edge. This will prevent curling while the adhesive is becoming tacky.
- Depending on temperature and humidity, the Regular Adhesive can take longer to dry. Complete the deck as directed and in time the adhesive will dry.
- Allow only light traffic for the first 14 days, while the adhesive cures.
- The vinyl membrane will pull back to its original composition if stretched. Do not pull or stretch the vinyl.
- Use Trim Adhesive for all vertical applications.
- For 60 mil application, please see our 60 mil instructions.

**WARRANTY:** A LIMITED WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. DEK-MASTER 45 MIL VINYL HAS A 5 YEAR LIMITED WARRANTY 60 MIL HAS A 7 YEAR LIMITED WARRANTY. ANY OTHER GOODS PROVED DEFECTIVE WITHIN ONE YEAR OF MANUFACTURE WILL BE REPLACED OR PURCHASE PRICE REFUNDED. MANUFACTURER OR SELLER WILL NOT BE RESPONSIBLE FOR DAMAGES IN EXCESS OF PURCHASE PRICE. WEATHER, APPLICATOR SKILL, AND SURFACE CONDITIONS ARE BEYOND THE MANUFACTURER'S CONTROL. THE USER SHALL DETERMINE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISKS OF ITS USE OR HANDLING. GENERALLY ACCEPTED CONSTRUCTION METHODS, EXPANSION JOINTS, SLOPE, CANTSTRIP, FLASHING AND VENTILATION ARE AN INTEGRAL PART OF THE WARRANTY. CONTACT DUCAN FOR FULL WARRANTY INFORMATION.

## Ducan dek-master® Instructional DVD and Customer Service

For additional information, please review our Ducan dek-master® Instructional DVD or available online at [www.ducan.com](http://www.ducan.com)



Customer Service: Vancouver (lower mainland) - 604-942-0722  
Toll Free number - 800-943-8226

## Re-decking Previously Applied Material

- Fiberglass: Surface must be sanded with 50 grit sandpaper and cleaned with The Duke concentrated cleaner and degreaser. Let dry. Solvent based adhesive must be used for fiberglass. ie: Low Temp or SnapTac Adhesive.
- On Metal: Surface should be wiped clean with household vinegar to remove any machine oil. Areas of rust should be ground out to bare metal. Must use solvent base adhesive.
- On Concrete: Slab must be suspended off the ground (min. 18"). It must be fully cured, clean, sound and non-powdery. Polished concrete should be acid etched and rinsed with copious amounts of water. Let the concrete dry for 3 to 4 days prior to application.
- On previously coated decks : Must use solvent base adhesive. Surface must be cleaned and let dry.

**Not recommended for painted surfaces or on top of old vinyl sheeting.**

## Maintenance

To maintain your dek-master® deck, Ducan recommends a cleaning once or twice a year using **The Duke**, a powerful concentrated cleaner and degreaser. **IMPORTANT: Do not use any harsh chemicals, bleach or solvents.**