

# ECONODEK®

Econodek™ is an easy to install deck covering that will enhance, beautify and create dry usable space beneath your deck. This long lasting, tough, textured product will provide years of enjoyment with minimum maintenance. The diagrams in this brochure provide general details for waterproofing and detailing your own deck. Please consult local building codes and/or consult with a building specialist in your area for any additional construction details.

## LONG LASTING

Econodek™ has a proven history of success with millions of square feet being installed, from the cool weather conditions of the high Arctic, to the warmest temperatures of the far South.

## LOW MAINTENANCE

Unlike wooden deck surfaces, Econodek™ eliminates the need to paint or stain each year. Plus, wood splintering will be a thing of the past!

## COOLER TO THE TOUCH

Decks are made for walking on, and frequently that means with bare feet. Even under direct sunlight Econodek™ textured and reflective color patterns will stay only slightly warmer than the outdoor temperature. (Take caution in extreme heat).

## TOUGHNESS

Decks, walkways and balconies seem to get more than their fair share of traffic and abuse. Econodek™ will wear extremely well and will not peel, chip or crack.



## TOOL LIST

- Protective Gloves
- Dust Mask
- Ear Protection
- Safety Goggles
- Power Drill
- Belt Sander
- Broom
- Chalk Line
- Pencil
- Straight Edge
- Tape Measure
- Square
- Razor Knife
- 5" Putty Knife
- 1 ½" Green Masking Tape
- Tin Snips
- Paintbrushes
- Solvent Resistant Paint Roller
- Rag
- Soapy Water
- Plastic Wallpaper Spreader
- Empty Bucket

## WHAT YOU NEED

DECK SIZE	20x10	24x10	16x12	16x15	16x20
SQUARE FEET	200	240	192	240	320
DECK-PATCH (5 lb. Pail)	1	1	1	1	1
ROLL-ON ADHESIVE (3 gal. Pail)	1	1	1	1	1
LIQUID WELD (475 ML)	1	1	1	1	1
L-TRIM FLASHING	7 pieces	8 pieces	7 pieces	8 pieces	9 pieces
L-TRIM SCREWS (Box of 100)	1 Boxes	2 Boxes	1 Boxes	2 Boxes	2 Boxes
BUTYL TAPE (ROLLS)	2	2	2	2	3
LINEAL FEET	2@21=	2@25=	3@13=	3@16=	3@21=
ECONODEK VINYL	42 LFT	50 LFT	39 LFT	48 LFT	63 LFT

## CONTACT US

Have questions? We have answers. Contact us at:

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**Intertek**

**WARNING:** Various products can discolor vinyl decking, specifically but not limited to pressure treated lumber and rubber or bitumen based products. Ensure all materials are compatible before leaving them in contact with your new vinyl deck surface.

[WWW.ECONODEK.COM](http://WWW.ECONODEK.COM)

Econodek is a Signature Brand of  
**TUFF INDUSTRIES**  
INCORPORATED  
WATERPROOFING SOLUTIONS



# Sundeck WaterProofing Guide

ECONODEK®

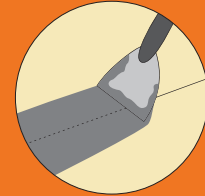




# DECK PREPARATION

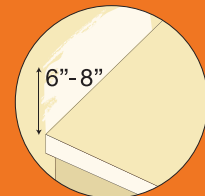
**GETTING YOUR DECK READY FOR ECONODEK:** We recommend installing Econodek™ on new, clean, dry plywood only. Do not install on treated plywood or lumber.

1. Recess all deck fasteners to ensure they are below the level surface of the plywood.
2. Remove any loose sections of wood including loose knot holes and plywood delamination.
3. Sand all plywood joints, knot holes and rough areas to create a smooth clean surface.
4. Sweep the deck and remove all loose particles of debris from the deck surface.



## PREPARING THE DECK SURFACE

5. Mix Deck-Patch by adding small amounts of water and Deck-Patch in a clean pail stirring until it is a smooth even consistency, add more water or Deck-Patch as needed.
6. Apply the mixed Deck-Patch evenly to the deck surface filling knot holes and plywood joints. Depending on humidity and temperature the cure time will be 30 to 60 minutes. Once the Deck-Patch has dried, scrape the surface with your 5" putty knife or re-sand to remove any ridges or excess material.
7. We recommend mixing Deck-Patch in small batches and working quickly to avoid the patch drying while it is being applied.



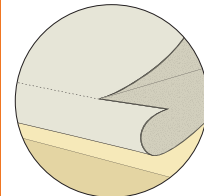
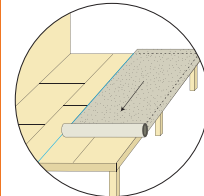
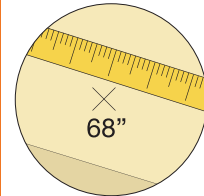
## GLUING THE DECK EDGES

8. Apply Roll-On adhesive to all outer edges of the deck including 6 to 8 inches up any walls you intend to apply Econodek™. Once applied, this adhesive will be left to dry. Follow all instructions on the Adhesive label for application and use.



# VINYL LAYOUT

## LAYING OUT ECONODEK PANELS

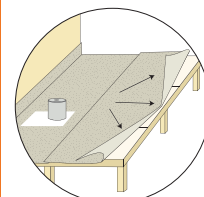
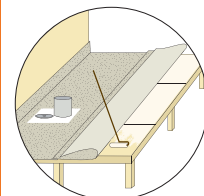


9. Econodek™ vinyl rolls are 72 inches wide. To ensure you place the vinyl in the proper location, measure 68 inches from the outer edge of your deck and mark the deck on both ends with a pencil so your chalk line will be straight. This measurement will allow 4 inches of vinyl to hang over the outside edge of the deck.
10. Once your chalk line is perfectly matched with your pencil marks, lift the chalk line and let it snap on the deck surface to provide a guideline for rolling out the first panel of Econodek™.
11. While rolling out Econodek™, adjust the panel as needed to make sure the edge of the vinyl is running parallel and flush with the chalk line.
12. Once the vinyl is rolled out to the edge of the deck, roll the vinyl back on itself about 3 feet to allow room to cut this panel of vinyl from the main roll.
13. Always measure twice and cut once, before cutting the panel you must ensure the vinyl is the proper length and you have allowed a minimum of 4" of material to hang over at either end, or 6"-8" if terminating at a wall. Make sure you cut the panel carefully in a straight line and don't cut into the vinyl panel underneath.

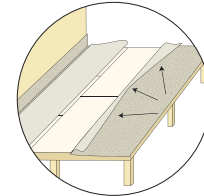
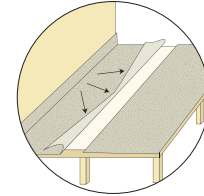
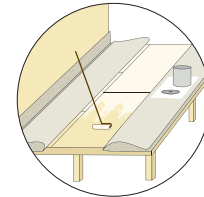
## INSTALLING ECONODEK ON THE DECK

14. Place a few pieces of 1 1/2" masking tape along the inside edge of the first panel of vinyl which will be your guide when positioning any subsequent sheets of vinyl. This is now the bottom section of your overlapping seam.
15. Start from the same end of the deck as you did for the first panel to ensure the printed patterns always run in the same direction. Continue to cut and overlap each subsequent panel by 1-1/2" until your final panel meets the wall. Once the final panel of vinyl is aligned to the masking tape, push the other side to the wall with your hands, folding the corners down.

# VINYL ADHESION



- GLUING ECONODEK TO YOUR DECK:** Roll-on adhesive is wet-transfer glue and applied with a Tuff adhesive roller, which is resistant to the chemicals in the adhesive. Roll-on adhesive can dry quickly if the temperature is high and the humidity is low, so you'll need to work at a good pace during this portion of the install.
16. Starting from the outer deck edge, pull the vinyl back on itself just over half way. Roll a thick layer of adhesive onto the plywood, making sure it is even and covers the entire exposed surface of the plywood. Do not apply Roll-On adhesive on any area you intend to Liquid Weld later in the installation process. Liquid Weld will not bond if Roll-On has contaminated the welding area.



17. Once you have fully coated the exposed plywood with adhesive and ensured the adhesive is still wet you can place the Econodek™ into the wet adhesive. If any of the glue has started to dry simply re-roll that area. Now, starting in the centre of the deck, place your hands under the folded back vinyl. Push the vinyl into the adhesive on the deck surface, working your way out to the ends and ensuring that it is still properly aligned to the other panels of vinyl.
18. Once all of the vinyl is glued down, use a plastic wallpaper spreader or your hands to firmly smooth and push any air bubbles out from under the vinyl. Start in the centre of the sheet, pushing towards the outer edge making sure to overlap your passes by one third for full adhesion.
19. Next you'll be gluing the other side of this panel, as well as the outermost side of the next adjoining panel of vinyl. Pull back the unglued side of the outer panel of vinyl onto itself and the inside edge of the second panel of vinyl. Roll the adhesive on the centre portion of the deck, following the same procedure as before. Now, push down the outermost panel of vinyl first, before doing the same to the second panel, which will overlap the first. You will repeat this process for each subsequent panel.

# IT'S IN THE DETAILS

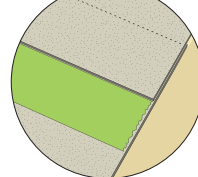
## GLUING ECONODEK ON THE WALL

20. Using a paint brush, apply Roll-On adhesive to the back of the vinyl that will run up the wall. Wait for the glue to become tacky to the touch. Once tacky you can push the vinyl up the walls with your hands or a wallpaper spreader. Once the vinyl is adhered to the wall, you can carefully trim off any excess with a knife.

## GLUING ECONODEK OVER THE DECK EDGE

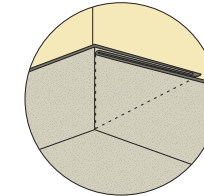
21. Pull back the vinyl on the outside edge and apply adhesive to the back. Be sure not to get adhesive on any area that will require Liquid welding further on in the process. Once the glue is tacky to the touch, push the vinyl down firmly to the deck edge and using your hands, roll it tightly over the edges. Once this is complete, you can carefully trim the excess vinyl at the bottom of the 1" x 2" wood trim. The metal L-trim will go on this area later.

## LIQUID WELDING THE OVERLAP SEAMS



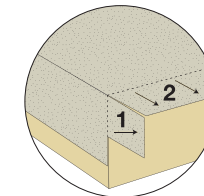
22. Remove the pieces of masking tape you used to line up the overlapping vinyl panels. With a new piece of masking tape, run the tape along the entire length of the lower or first panel of vinyl, keeping it in line with the top overlap sheet edge. This process is to ensure the Liquid Weld does not ooze out on to the lower panel of vinyl. Squeeze the Liquid Weld between the overlapping panels carefully and immediately push the top piece of vinyl down as you go along. Once you have finished the seam, apply another piece of masking tape over the entire seam then place a heavy weighted object on top of the taped overlap and leave in place for 1 to 2 hours while the Liquid Weld dries.

23. Once dry, remove the weighted objects and masking tape and carefully inspect the overlap seam for any areas that are not properly adhered. Apply another small amount of liquid weld along the entire edge of all seams to seal the edges. **Note: Econodek can be hot air welded instead of liquid welded if you have the experience and tools required.**



## INSIDE CORNERS WITH ECONODEK

24. Inside wall corners are simple, just don't cut the vinyl. Apply Roll-On adhesive to the back of the vinyl at the corner. Once the glue is tacky, you can push the vinyl tightly up the wall and into the corner creating a vinyl flap that looks like a "dog's ear". Next you will bend this flap back on itself so the seam runs up the inside wall corner. Apply liberal amounts of Liquid Weld behind the fold in the vinyl and then staple the flap of vinyl to the wall at the top to hold it in place. Apply tape or a heavy object to hold the vinyl flap stationary for 1-2 hours while the Liquid Weld dries.

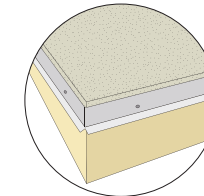


## OUTSIDE CORNERS WITH ECONODEK

25. To prepare the outside corners, start by making a 90 degree cut in the vinyl straight off the deck edge. Fold in flap number 1 and then fold down flap number 2 and trim off excess vinyl. **Note: You may want to trim flap number 1 to 1.5" before folding it on the 1"x 2" wood trim.**

26. Once the vinyl has been glued down the outside edge of the deck, then Liquid Weld can be liberally applied inside this corner. Tape the corner together and allow the Liquid Weld to cure for 1-2 hours.

# FINISHING UP



## METAL L-TRIM

27. Install the butyl tape on to the back of the L-trim which is the non-"drip edge" side of the metal trim. Starting with the corners of the deck take a piece of L-trim and measure to the centre. Using your tin snips or saw make a cut on the drip edge and bend it to fit around the corner. You can also mitre cut the corner if you prefer this look.
28. Remove the release paper from the butyl tape on the back of the L-trim and align the bottom of the L-trim with the lower portion of the 1" x 2". Allowing the drip edge portion to hang below the 1" x 2" deck edge push firmly to cause the butyl tape to seal against the vinyl. With your drill and screwdriver attachment, push the screws through the holes of the L-trim by driving them through the butyl tape. Attach the rest of the L-trim pieces, making sure to align them properly so the edge detail is clean and neat and allows water to drip away from the deck edge.

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