

ULTRADECK

MARINE FLOORING

UltraDeck Application Instructions

TOOLS:

1. Sharp razor knife (we use OLFA 116110)
2. Ammonia Based Cleaner (We use Windex)
3. Isopropyl Alcohol (painted Surace) or Acetone (preferred with gelcoat)
4. 2-Inch Masking Tape
5. Silicon Flooring triple bar roller (home depot, etc)
6. Bonding agent (marine vinyl or HEAVY non skid install)
7. Scotch bright purple pads 07447 OR stainless wire brush

PRODUCT STORAGE :

1. UltraDeck should be stored in a cool, flat, dry, indoor location until installed on boat and its ideal to let the rolled kit rest flat after shipping to uncurl.

INSTALLATION LIMITATIONS:

1. Product installation on textured marine vinyl or HEAVY non skid require bonding agent otherwise there will be premature bond failure due to moisture intrusion. Please check with us if unsure as this is a critical step. The bonding agent is available through our facility and drastically improves the bond on heavy texture surfafces.
2. Do NOT attempt to remove and adjust placement once pad is down.
3. The installed package must be kept 5 deg C plus for a minimum of 24 hrs after install for adhesive cure. Do not install and expose to cold temperatures right after as the bond will fail
4. Do not install product below 5 deg C
5. Due to the nature of these products being foam and having air in them, avoid installing product in high temps (30c +) and in direct afternoon midsummer sun as the product will heat up and expand then contact when cooled off which will potentially cause gaps during cool weather in seamless kits.

PREPARATION:

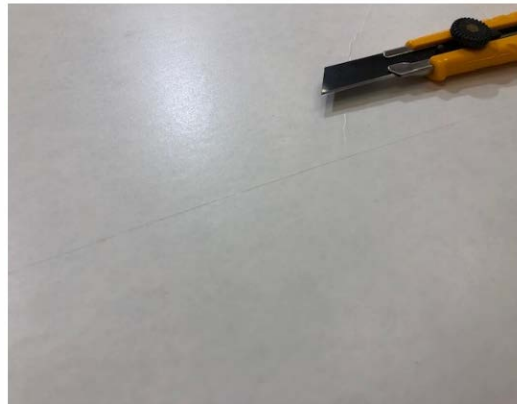
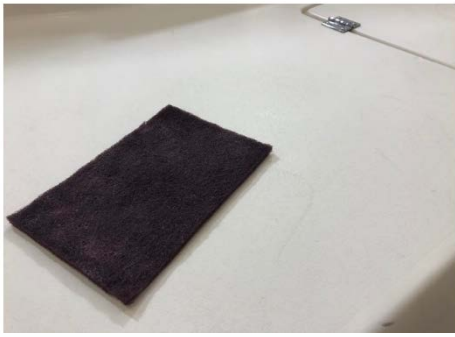
1. Cleaning of the surface is the most critical part of the process. If the surface is a clean smooth gel coat or clean paint, skip to section 3. If the surface is dirty, a scrub down with a general cleaner such as Simple Green HD and a stiff brush (both available at Home Depot) is necessary, followed up with an extensive rinse to remove the residue.
2. If the Surface is oxidized, or you are going over textured non-skid gel coat etc, we recommend a light sanding or going over with scotch bright purple pads pt#07447 (auto parts store) to these areas. If the surface is painted, make sure the paint is stable and not falling off. The bond of Ultradeck is only as good as what its adhering to. Failing paint will continue to fall off even with the UltraDeck on top if it.
3. We recommend a pre-final wipe with Windex & blue HD paper towel before the final acetone/iso wipe To ensure all oils, dirt, etc are gone. Keep freshening the paper towels until they no longer wipe dirty ensuring the surface is as clean as possible.
4. Use isopropyl alcohol or acetone on the surface area. Pre-Wipe choice will be based on what the substrate is. Acetone is favorable BUT will melt some painted surfaces. If your surface is painted, test a small area to check reaction. Thoroughly wipe down the surface area where UltraDeck will be applied. Ensure the rags are coming up from the surface clean.
5. The area must be completely dry before applying pads. Any skipping OR product substitution of above steps could result in bond failure which is not covered by warranty as its completely preventable.
6. If installing on textured marine vinyl heavy cleaning is required as its porous so used floors trap dirt and new product has a mold release agent from when made that will interfere with product bond long term. Once cleaned and pre wiped with solvent (iso or lightly with acetone) it must be left to sit and off-gas for 2hrs as the porous nature of the material traps the solvent which will cause bubbling as it tries to off-gas if the kits installed to soon.
7. If product is being installed on textured non skid OR marine vinyl decks OR plastic surface a bonding agent must be applied after prep and before kit is installed or the bond will fail in time due to water intrusion. With a section of foam brush, sponge or small section of cloth rag, lightly apply a thin micron layer of the product and let it dry before install (10min usually) Bonding agent is available at our facility and if your unsure on the surface please contact us.

INSTALLATION:

1. Before you peel back the adhesive backing, place the pads on the surface area to verify the fit and spacing in order to determine the exact location of the pad(s).
2. Turn pad over so that the adhesive backing is face up. With a sharp razor knife carefully cut the paper adhesive backing from the center of the pad towards the edges (center to top edge, center to bottom edge) to ensure it does not rip. Be sure to completely cut through the adhesive backing but DO NOT cut into the pad.
3. Starting from the center cut you just made, peel back 2" of the paper backing and fold to crease it. Repeat on the other side. Fold both pieces of the paper backing back in place to cover the adhesive.
4. Turn the pad back over and reposition it exactly where you want it installed.
5. Firmly secure one side of the pad to the surface area using 2-inch masking tape strips. Taping prevents the pad from moving.
6. Lift up the side that is not taped down and peel the paper backing to the crease. Gently lay the pad back in place.
7. Firmly press down on the pad where the exposed adhesive is. Apply pressure from the center of the pad outward (center to top, center to bottom) to ensure no air is trapped beneath the pad.
8. Continue to lift the pad and peel back the paper backing to expose additional PSA and repeat step 7.
***DO NOT PULL OR STRETCH THE PAD(S) AS THIS WILL CAUSE FUTURE SHRINKAGE ***
9. Once the first side is complete, remove the masking tape and repeat steps 7 and 8 for the other half of the pad. Apply pressure to the pad to ensure there's a firm bond between the pad and the surface area.
10. Firmly roll out and make sure the edges are rolled out well to ensure no water will permeate under the pads. We recommend running over the edges a second time 2 - 4hrs later just to ensure the pad is down and the edge is sealed well. Any trapped air pockets can be relieved by using a pin into the center of the bubble as our adhesive is always active and will reseal the hole.
11. - **SEAMLESS KITS** - With the addition of seamless packages in our lineup IE kits that do not have visible breaks/gaps in them there is an additional step during install of overlapping the seams by the bottom layer seam width. Kit is installed as per usual with placement of the center pad of the kit. The following side pads are then pinned in place with their center adhesive section WITH the bottom layer of the flooring kit seams overlapping (pic #16 below) Then you start peeling the paper while you work your way towards the seam while working out the air and pressing out the kit. Once you are 3-4" away from the overlapping seam you use a tuck tool or equivalent to tuck the seam in then finish the roll out process. Olfa 18mm Snap-Off Utility Knife with Comfort Grip and Metal Pick Model # 1116110 is our go to knife as it has the smooth metal tuck blade on the back edge that works well for this.

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SEAMLESS INSTALL OVERLAP

