

# ULTRAdeck

## INSTALLATION INSTRUCTIONS

### **Ground Preparation**

UltraDeck\* is designed to be installed over grass, gravel, sand, dirt, and mud. No ground preparation is required for athletic fields or other level and consistent surfaces.

It is recommended that a survey of the installation site be done prior to installation of UltraDeck. Larger stones, rocks and obstacles should be removed.

While UltraDeck will span smaller indentations and gradations, it is recommended that large holes be covered or filled with sand to create a more level finished floor.

For Installations on grass, see section “Installing on Grass.”

### **Material Staging**

Much of the time spent installing portable flooring involves shuttling material into position for connection. In this regard it is advisable to use rolling carts, pallet jacks and/or forklifts where possible to facilitate rapid placement of material. Specific attention should be paid to site access and strategic placement of material pallets to minimize the distance traveled between material pallets and the installation area.

### **Connecting Individual UltraDeck Modules**

An UltraDeck floor consists of individual UltraDeck modules connected to create a larger floor. Each module contains male T connectors and female T receptors. In order to connect one module to another simply align the male T connectors above the female T receptors and press down (see picture 1). Once snapped together, modules create a seamless floor suitable for numerous applications. Modules may be connected horizontally or vertically and can be stepped to create dramatic patterns and effects.



Picture 1

### **Installing an UltraDeck Floor**

Begin installation of UltraDeck by placing the first 4ft x 3ft sheet of flooring in the upper right corner of the area to be floored. This piece will serve as the cornerstone onto which the floor will be built. The female receptor T's should be on the inward facing sides of the sheet, facing towards the direction of the floor to be installed (see picture 2). Male T connectors should be facing away

from the flooring area to be installed. **Tip** A good way to tell if you are beginning the flooring correctly is that the word “UltraDeck” on the module will appear upside down when positioning the first sheet down.



Picture 2

Start adding sheets of flooring to the left of the initial sheet (see **picture 3**) to form the first row of flooring. This first row should be as straight as possible to allow further rows to be installed easily. A guideline is advised to insure a straight line.



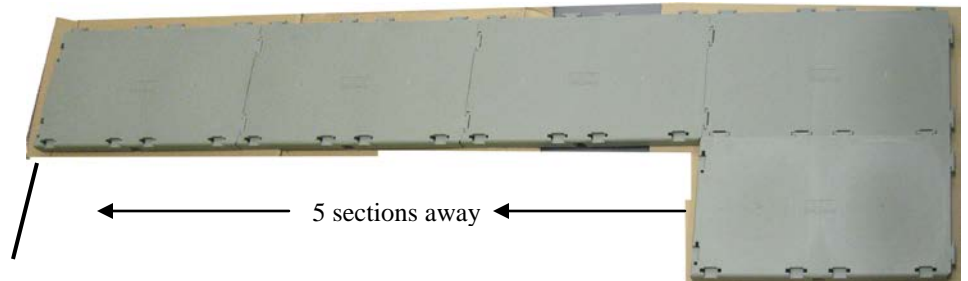
Picture 3

Further rows of flooring may be added, beginning from the right and moving left.

Do not start rows from both the right and left as this may result in an uneven floor that does not connect easily at the center.

For larger installations, do not begin too many rows without completing the previous row.

**Tip** A good rule of thumb is to begin the next row only when the people connecting the previous row are about 5 sheets from the end of the next row (see **picture 4**). This leaves enough space to install several rows without unwanted “drifting” of the floor.



Picture 4

Edging may be used to transition from the ground surface onto UltraDeck. Connect male or female edge pieces as required utilizing the same connection system as UltraDeck flooring.

### **Installing on Grass**

**Tip** It is recommended that grass surfaces be cut short just prior to installing UltraDeck. Grass may be watered before installation but it is recommended that the grass be allowed to dry before deploying UltraDeck. Standard fungicides may be used in advance of UltraDeck installation to provide additional protection for sensitive athletic turf or lawns.

Upon removal of UltraDeck, simply rake grass to facilitate rapid rebound.

UltraDeck may be installed for 4-7 days depending on the weather, climate and specific grass involved. For more specific details and suggestions please call our office for a free consultation.

### **Tip Additional Tips for Stadium-Sized Installations**

**Tip** Field lines can be used to insure flooring is being installed in a straight line. This is particularly important for the first row of flooring, which will set the trend for the entire field.

**Tip** For stadium-sized installations, we recommend dividing your installation team into multiple groups containing 3-4 persons, each with a specific responsibility. One person in each group should be the designated “Snapper” - snapping sheets down and into position with their feet (not hands); another should be the “Positioner” - positioning subsequent sheets for snapping. The last person (or two) should be the “Transporter(s)” - bringing material from pallets to the Positioner. The Transporter(s) should constantly ferry materials from the pallet to the row for installation.

**Tip** During stadium installations, it is very important to stage pallets as close to the installation area as possible, so that the distance traveled with new materials into position is minimized. Ideally, forklifts should be used to place pallets on the field (if possible) at strategic locations. Material handling carts (ED-TC – UltraDeck transport cart) can be used to facilitate movement of materials.

### **Disassembling an UltraDeck Floor**

In order to rapidly disassemble your UltraDeck floor, we recommend that you start at the opposite corner from where you began installation (i.e. upper left). The corner to begin break down is the corner that has the female T receptors AND Male T connectors facing outside of the floor.

Begin by removing a few tiles so that you are standing off of the floor and facing inwards (i.e.: at the top end of the floor). If you are in the right position, you should be able to read “UltraDeck” on each tile. Grip the floor with your hands such that each hand holds a tile and such that together they cover a 4ft wide section (the standard section for break down). Place your foot on the section just outside of the two-tile span, so as to place weight on this section. Lift up on the two-tile section and detach this section



Picture 5

from the adjacent section (see picture 5). **Tip** We recommend counting 3 treads in length, which will create a section 4ft wide (2 tiles) by 3ft long (3 tiles) (12 sq/ft - the correct size for a standard 40” x 48” pallet). Once the section is lifted, flip the entire sheet over and the section will disconnect.

### **Storage and Maintenance**

Simply stack disconnected sections on pallets for further use. We recommend stacking sections approximately 60 sheets high, which is 720 sq/ft. Band and wrap pallets as required for transport and storage.

To clean UltraDeck we recommend using standard cleaning fluids and a pressure washer. Be sure to clean UltraDeck sheets both on top and on the underside to ensure that all dirt and debris are removed. **Tip** For large concert events, it is recommended that a leaf blower be used to remove loose paper and other debris from the top of the floor before breakdown.

While UltraDeck may be stored outside, it is recommended that a tarp be used to protect UltraDeck and to keep it clean when not in use.

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