

## SKATE BOARD INSTALLATION GUIDE

***Skater's Blend is a plastic-like skate surface. It has characteristics that need to be considered during installation. Follow these suggested steps to insure a proper installation. As always, wear proper hand and eye protection.***

### **Qualities:**

For ramp and grind box applications the **3/8"** thick sheet is recommended. Skater's Blend can be sawn, sanded, routed and milled much like wood. Use standard saw blades. Excessive cutting can dull blades faster than wood. The plastic "saw dust" should be disposed of properly. Skater's Blend sheets are very flexible and may require 2 persons to handle. Always support the sheet properly before cutting.

Skater's Blend expands and contracts with temperature swing. Each 8'-0" sheet is capable of expanding over **1/4"** in length during a 25°C temperature change. It is recommended that the sheets be acclimated to current air temperature before installation.

The sub layer should consist of one layer of **1/2"** CDX plywood or 2 layers of **3/8"** CDX Plywood, screwed approx. 6" between fasteners. Joist work should be 6" on center, make sure that you leave a gap(see below) and you pre-drill and countersink the sheets where the screws are going. The pre-drill hole should be a **3/16"** if using a #8 screw to allow the screw thread not to come in contact with the Skater's Blend material.

We recommend running the Skater's Blend sheets so you ride the 8' length. Start at one side and work continuously towards the other side.

Follow this chart for gapping in between sheets:

- If the Skater's Blend is 40°F at installation leave a **1/4"** gap on all sides of the sheets. (Tape 3 nickels together and put them between sheets.)
- If the Skater's Blend is 70°F at installation leave a **1/8"** gap on all sides of the sheets. (Tape 2 pennies together and put them between sheets.)
- If the Skater's Blend is 90°F at installation leave **NO** gap on all sides of the sheets.

These spaces sometimes may not be enough. If the sheets expand in heat and are pinching at the seams, simply set the depth on saw to 3/8" and make one pass down the seam. This will allow the sheets to expand to full length. Several passes may be needed. It is better to be able to cut expansion slots than to have large gaps that cannot be closed up!

It is recommended that you use a #10 x 2 1/2" galvanized screws or greater to secure the Skater's Blend. You must place a screw every 6" along each joist. If your joist work is 8" on center, you will have a 6" x 6" screw pattern. **DO NOT USE DRYWALL SCREWS.** These will break. As you screw the Skater's Blend down, the head of the screw will recess itself into the plastic. Do not sink the screw beyond being flush. The Skater's Blend can expand and contract, causing the screw to "pop" through the bottom if sunk too far into the Skater's Blend.

If your Skater's Blend seams fall where there is no joist (this is not recommended but sometimes happens due to mistakes or incomplete plans.) either cut the Skater's Blend back to the nearest joist OR bore a 1/2" deep hole with a 1/2" drill bit. Screw through this bore at a 45° angle to bite through the plywood. Plywood will not be enough to pull the screw into the Skater's Blend, but the 1/8" bore will let the screw head recess below the surface of the Skater's Blend.

It is not recommended that you glue the Skater's Blend to the sub layer. The expansion/contraction properties will not allow proper movement. **DO NOT** caulk or seal the seams in the Skater's Blend. This will not keep water out, but it will trap water in the sub layers.