



Skateparks by Rampage are unique skating environments custom designed and manufactured to suit the community's needs and it's skater's desires. Our skateparks can be found in municipalities, military bases, private organizations, and backyards throughout the country and around the world. Our skatepark equipment has been proven to stand the tests of both skaters and time.

COMPOSITE SURFACE INSTALLATION NOTES

Composite Surface Installation Notes

To get the longest life possible out of your ramp surface, a few installation details may help.



Surface will not withstand wear on its edges. Steel grind edges should border the surface wherever butt edge is exposed to skating. These areas include ramp sides, halfpipe flats edges, bank top angles [quarterpipes with pipe coping is fine] and terminal ends of launches and boxes. These edges should not be above or on top of the skating surface, causing a hazard. By using 1/4" x 1 1/2" steel bar stock, drilled and countersunk, you can screw it down to the substrate flush to the 1/4" thick surface. In addition to the edges, proper fastening is important.

Surface should be predrilled with a "clear hole" and then counter bored to the shape of your screw. Care must be taken not to countersink too deep which can cause the screw to pull through the sheet or too shallow causing the screw to stick out - again a hazard. When using a drill and countersink, a shaft collar on the countersink will give you a consistent depth. You must drill the clear hole first then countersink. A plunge router with a 3/8" "V" bit is the tool of choice for countersinking. The micro adjustable depth will give you a perfect depth every time. When using a router, countersink first and then drop the drill bit in the cone and bore the clear hole out. Clear hole means the hole in the skating surface should be slightly larger than the shank of the screw. Your screw hole pattern should be 12" x 12" with edge screws at 6" spacing and no more than 1 1/2" from the edge. Sheetrock or deck screws are not recommended. All of our ramp surfaces are bolted with 1/4-20 stainless steel bolts with flanged nylock locking nuts. The head is double the size of a deck screw and you will never twist the head off. On wood ramps #14 x 1 1/2" stainless steel screws (clear hole drill 5/16") will offer the same size head as 1/4" bolts and can be used through the substrate or into the framing.

Surface sheets should be spaced no less than 1/8" and no greater than 3/16". Common 8d nails are a good spacer. Use no more than two spacer nails per side when butting sheets.

Install pre-drilled sheets with two loose pin screws on the top corners while squaring with the ramp. Placing your foot on the sheet to draw it tight to the substrate, pin screw the sheet from the top working down. Do not attempt to draw sheets in with one or two screws when on a radius, step it in standing on the sheet. Do not finish screw the sheet until the entire ramp is pin screwed with 2 spacer nails between all sheets and edgings. This will allow for adjustment without unscrewing 70 screws.

DO NOT OVER TIGHTEN SURFACE SCREWS! Wood ramps expand and dry and the surface itself doesn't. Allow the surface to float in their clear holes.

Tar paper is not recommended below the surface. Allow the moisture to dry from below since it can't evaporate through the surface. On closed-in ramps cut vents through sides and ends of exterior cladding.

If water puddles on the surface flat areas, drill 3/8" holes through the surface and subsurface at the deepest part of the puddle.

If a screw strips or the countersunk hole can't be used, drill and countersink another hole and leave the unusable hole empty.



Contact Information

We would like to hear from you. For information, inquiries, estimates, or consultation, please contact us using the following information:

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Thank you for your interest in Rampage Skatepark Equipment.