

# SkateBlock™

## Installation Guide

1. Any surface that a SkateBlock™ is to be applied to should be free of all foreign materials such as paint, wax, etc. Make sure that you are applying the SkateBlock™ directly to the sub surface such as the concrete or granite. Use a high temperature, pressure washer to clean wax off of the surface. A final wipe with a cleaning agent, such as acetone is advised.
2. Determine epoxy required for job:
  - a. Consult with local experts as to what epoxy is best for your area. Use the best epoxy that you can find.
  - b. We recommend the use of RavensBond™ epoxy, available exclusively from Ravensforge.
3. Determine what installation technique is to be used. There are three methods of installation.
  - a. All SkateBlocks™ come with a pin cast into the underside of the horizontal leg. Drill a hole for the pin and then use a good epoxy to install the piece. The epoxy alone holds the piece in place.
  - b. We recommend replacing the pin with a bolthole. We can do this for you. A hole is drilled for the anchor and then a good epoxy is applied to the underside of the SkateBlock™. We suggest using Tamper Proof™ bolts. In this system, the SkateBlock™ is held in place by both the epoxy and the bolt and anchor. By using a counter sunk bolthole and a flat head bolt, there is no bolt head showing.
  - c. For soft materials such as marble, we have created a Long Pin that is tapped into the bottom of the horizontal leg of the SkateBlocks™. This allows for a maximum amount of surface for the epoxy to hole onto to, without the use of a compression anchor.
4. Layout the SkateBlocks™. After each SkateBlock™ location is determined, mark area for installation. Carefully measure and locate horizontal hole location. If using an anchor in the vertical leg, use a template to locate the additional hole.
5. Drill the top hole using a roto-hammer. Dry fit the individual piece in place. If applicable, drill the lower hole. Clean the holes and areas around them of dust. For installations using a bolt and anchor, drill the hole only as deep as needed to allow the anchor to become set in the material, and have the Tamper Proof™ bolt snug up against the SkateBlock™. Careful measuring of the anchor, the type of screw used, and the thickness of the SkateBlock™ piece is required to determine the depth of the anchor hole.
6. Apply the epoxy to the underside of the SkateBlock™. Use a liberal amount of epoxy. Set the SkateBlock™ into place. Apply a small amount of epoxy to the threads of the bolt, if applicable, and insert and secure the Tamper Proof™ bolt. Snug lower leg to base material. Careful adjustments with a small mallet or taped over ball peen hammer may allow for small adjustments due to variations in the base material.
7. Allow the epoxy to cure in conformance with manufacturers recommendations. It may be necessary to guard the SkateBlocks™ until the epoxy is set to prevent theft before the epoxy is strong enough to hold the SkateBlocks™ in place on its own.
8. Caulking compatible with the base material and the epoxy can be applied to conceal the usual variations where the SkateBlock™ meets the base material. Heavily eroded base material can in some instances, be ground in such a manner that a better appearing, and more strongly adhering installation can be achieved. Consult with local masonry contractors for the best type of grinding medium to be used on any specific material.