Bracket Instructions

The brackets on the bottom of the sculptures are a multi use system. Following is a series of images and description of the basic brackets. This is meant as a guideline to assist you in designing your own securing methods. The box in the images represents your sculpture of any size or design and even though this box only has one bracket, it is just for demo purposes and the real sculptures will have multiple brackets around the bottom of the sculpture.



Brackets are affixed with two Phillips head screws. One machine screw and one wood screw. Both can be remove with the same screwdriver.



If removing the brackets is desired, use a large Phillips head screwdriver to remove both screws.



Grab the bracket and with firm leverage pop the bracket free from the fitted slot. You can us a hammer to tap the bracket loose if necessary.



After the bracket is removed it will expose an embedded wood structure with one of the screw holes showing inserted 5/16" metal threads. These threads can be used to secure sculptures without exposed brackets if desired. Which is covered later in this information.

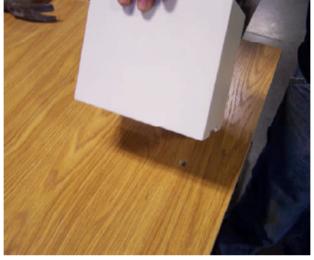
Securing the sculpture using the attached brackets is a simple process. They can be used on any base material providing the base material is properly prepared for the appropriate fasteners. For example, if using concrete bases you must use concrete anchors and lags, for metal bases you would use bolts and threaded systems and for wood bases your could use lag bolts. In the example below we used a lag type fastener and a drill driver to screw the faster in. When the base is properly prepared simply align the brackets to the prepared base and fasten it down using one fastener for each bracket. Each project is different so it is good to have a person in your organization with some experience with fasteners. We have seen a lot of options so we will be happy to share our knowledge so you can make the best decision for your project.



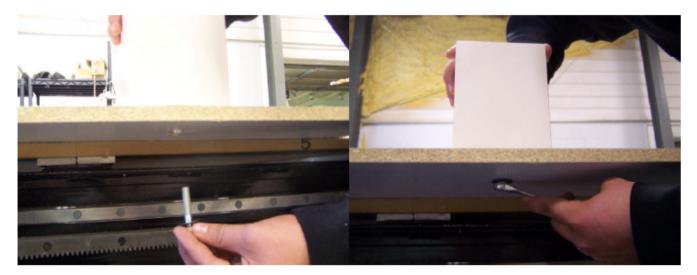


When fastening sculptures down without having the brackets exposed, you must first remove the brackets as shown at the beginning of these instructions. Base selection is important for this option. Base material is not necessarily an issue but the base must be "thin" enough or have a "thin" enough top on it to allow for the fasteners to go all the way through the base and screw into the bottom of the sculpture. In the example images we used a thin piece of material so we could show the process from the bottom and the top.





To install on a base by bolting directly into the metal threads in the bottom of the sculpture, first, holes need to be drilled entirely through the base material. If you have a base that can not be accessed from the bottom, this system will not work. Drill the holes at least one size larger than the size of the bolt being used. This will allow for tolerance when aligning the sculpture. Next, align the sculpture on the top of the base with the drilled holes. Hint: The more holes you are using the more difficult this becomes. We recommend making a pattern off the bottom of one of the sculptures and using it to mark for the hole placement in the top of the bases. Even when doing this, since the sculptures can shrink a bit different when being made, it may be difficult to align some of the holes up.



Insert bolts through the bottom of the base and thread them into the bottom of the sculpture. Standard thread size in most Icon Poly sculpture is 5/16". Use a wrench or socket to tighten the bolts in the bottom of the sculpture. Be sure not to over tighten, snug is fine and the use of a locking washer or liquid thread lock will keep the bolts from jiggling lose.

This information is just a guide, each application is a little different so if you have specific questions or need assistance, please feel free to contact us.