

# The Floor Mount Bracket



## (INSTALLATION TECHNIQUE)

The floor mount bracket is installed using three bolts into the concrete. The middle bolt is an anchor bolt, and the outside bolts are using a Epomax Vinylester Resin fittings.



### OUTSIDE BOLTS USE THREADED BAR & RESIN FITTING:

Use a **14mm** drill bit to drill holes 110mm deep. Use the chemical tubes provided and read the instructions carefully on the tubes.

We will supply one tube of resin per 20 holes, however they will usually do around 22 holes.

Extra resin will be an additional cost.

### CENTER BOLTS:

Use a standard **12mm** anchor bolt, so you will need to drill a **12mm** hole.



Please use the supplied installation instructions for correct placement of the floor mount bracket.

If you are using the Pasture Mat® mattresses you will need to set the brackets on the tallest setting.



# Installation Instructions for Adjustable Floor Mount Brackets

## Head to Head installation:

1. After the concrete has set for a minimum of 7 days, snap a chalk line at the center line of the platform.
2. Mark along the chalk line an intersection point where each bracket is to go for stall placement. Typically, Wilson Agri recommends a centre to centre distance of 47" (1200mm) between the stalls for mature cows. You can refer to our Free Stall Guideline Chart or check with your dealer or supplier for further recommendations.
3. Using a ½" (12mm) masonry bit and a suitable SDS hammer drill, drill out the center hole in the concrete at the intersection point. Then place the standard concrete anchor in each hole.
4. Using the "Floor Mount" base bracket as a template with the middle hole position over the already placed anchor, mark the remaining two holes square to the chalk line and drill, using a 9/16" (14mm) masonry drill bit.
5. When all holes are drilled, blow out the outer holes with compressed air. This blowing should be repeated twice. Using the Epomax Vinylester Resin, assemble nozzle into cartridge. Extrude resin until an even mix is achieved then inject into the hole until half full.

Insert the stud by hand to full depth, using a slow rotating method. This will ensure that any air pockets escape ensuring a correct setting.

6. Place the base bracket over the three anchors bolts. Tighten only the center nut down during assembly while the resin is setting. Tighten the remaining two other glued in anchors once the resin has properly set.
7. Once the base has been installed, assemble the Floor Mount unit using the supplied carriage bolts and nuts. The bracket is adjustable to allow for uneven concrete, and to allow for a lower neck rail height, if so desired.

Choose one of the 3 height settings of the Floor Mount Bracket to achieve your desired Free Stall specifications. Check with your dealer or supplier for further recommendations.