

Application Instructions

The following instructions are intended as a guideline for proper installation of the InstaDrive system and its long term durability. As with all coatings, surface preparation is the KEY!

Surface PREP:

All garage surfaces must be prepared for the InstaDrive coating system.

Step 1. Mechanically grind the surface to remove all existing coatings, curing compounds, grease, oil, or any other laitance materials from the garage surface. We recommend a dry grind system with a dust collection system.

Step 2. Clean the prepared surface by vacuuming all the loose materials from the surface. The surface must be clean to touch.

INSTALLATION:

Step 1. See Mixing Instructions included with the Kit.

Step 2. Take your newly mixed colored material and using an inexpensive chip brush, cut in the edges. Paint on the colored InstaDrive along the edges with a light coat. There is no need to mask if you're careful with the brush. Be sure to paint down into the control joints. There is no need to repaint an area that has been lightly brushed. It is primed and does NOT need to be an opaque color. This is not paint and if you recoat while "cutting in the edges", you're wasting material.

Step 3. Pour the InstaDrive into an 18-inch paint pan and dip your ¼" nap 18-inch roller into the pan and spread the material very thin in a north-south direction, and then roll in an east-west direction. It is very important to "cross" roll. This ensures proper distribution of the prime coat. You should not expect the floor to look painted or totally opaque. The prime coat quickly penetrates into the concrete and will leave grey concrete showing through – no worries! If you are getting a perfectly colored floor after priming, you are wasting material.

Step 4. After approximately 40 minutes, or until the prime coat is lightly tacky to touch, it's safe to walk onto the floor with spikes and repeat the colored application with another batch of mixed material. As you apply the 2nd colored coat, be sure that all areas ARE covered with colored materials. As the material is being rolled out, the second applicator begins to broadcast the colored chips to full rejection. There is no need to apply the chips lightly. We recommend a heavy broadcast of chips over the entire wetted area. Chips should be applied as the colored material is being rolled out. The wet applicator and chip applicator work together to cut edges and to roll and broadcast chips until the floor is complete.

Step 5. After approximately 60-90 minutes, brush the excess chips aside in a small area and place your thumb onto the chips adhered to the coating. With moderate pressure slightly turn your thumb an 1/8 of a turn and note if the chips move. If the chips begin to move with your thumb, let the coat cure longer, If the chips stay stationary with an 1/8 turn of your thumb it's time for the next step. Step 5 – is to remove the excess chips from the tack free floor (on a full broadcast only). With spike shoes take a leaf blower and blow the excess chips into a corner of the garage and collect for reuse on the next project. Next, Using a 10" wide floor scraper, lightly scrape (scraper oriented at a very low angle and gentle pressure) the chipped surface. Again blow the excess chips into the corner and discard these chips. You're ready for Step 6.

Step 6. If you have scarred or thin areas, before you seal, brush on clear sealer to the thin areas and sprinkle chips as needed to match the existing floor. Now you can begin your final clear seal coat application in the same method as the color coats.

In approximately 2 hours from the time you clean up the site, the garage can be turned over to the Owner for light foot traffic and can be driven on after 24 hours. (This time will vary by climatic factors).

NOTE: Other surface prep techniques can be utilized, ie. Acid etching; however, the introduction of moisture into the slab before application can affect the overall bonding strength. The concrete slab must be completely dry before application.