



TECHNICAL

BULLETIN

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Subject: Epoxy Capsules – Continuous Installation in hot weather

During these hot months it's important to remind everyone who is installing either Slam-Tite Hammer In capsules or Spin-In Chemical capsules of a few key things to make the installation go error free and yield a result with which everyone can be happy.

As always the hole preparation is critical for good bonding with either product. This can't be stressed too highly. Cleaning out the porosity of the concrete and making it free of drilling flour is critical. That is why simple vacuuming of a hole or use of a blow bulb is not enough. As outlined in our Installation Instructions, brushing the hole and blowing with compressed air is necessary to actually evacuate the dust from the hole sufficiently.

We are often asked; "Do I really need to mark each rod as your instructions say? I've put in hundreds of these and I know when I've got the anchor to the bottom of the hole." Our short answer would be; "Yes, you should mark each anchor for the hole it's going into." The reason to mark the chisel point rod for the Spin-In Chemical capsule is because if you don't stop rotation as soon as you reach the bottom of the hole you will begin to take up concrete dust made by the rod's tip into the epoxy and thus ruin the installation. Over rotation is always a BAD thing. More is NOT better when it comes to Spin-In Chemical capsules.

The main reason to mark straight cut rod for the Slam-Tite capsule is because in hot weather it's often very hard to know when the bottom has been reached because of accelerated setting. It is NOT ok to start a installation then break off of it for some reason and think that you can come back in a minute or two and finish. By then the epoxy may have started its reaction and the installation cannot be finished properly. Whether you are installing by hand with a hammer or using a power tool it's important to finish the installation once you have broken the capsules and begun driving the rod.

Most smaller diameter Slam-Tites are installed by hand with a hammer. We would recommend double nutting any installation made by hand to protect the threads. Never hammer on the threads of threaded rod during installation as this causes irreparable damage to the leads and a nut will not go on after that occurs. The preferred installation technique would be to double nut the threaded rod, fit a socket to the impact drill and hammer it to the depth mark using the impact setting on the hammer drill. DO NOT rotate the rod used during a Slam-Tite capsule installation. Using the hammer or chisel mode of the impact drill will make the installation of any Slam-Tite capsule significantly easier and quicker.