

Procedures & Instructions



DEACON[®] CRUSH-BAC[™] **TWO-PART EPOXY BACKING** **COMPOUND**

Procedure:

- ① Mixed equally in a 1:1 ratio (by weight). Mix time varies depending upon mixing equipment. Recommend using a drill type paddle mixer for approximately 3 minutes. See directions for use (below).

Preparation:

- ① Store Deacon Crush-Bac at 60-80°F (15-27°C) for 24 hours before mixing.
- ② All metallic parts that will be bonded with backing compound should be clean and free of grease, dirt, or oil. Normally only wear metal is bonded. Apply a thin film of Silicone Release Agent to all parts not intended to be bonded (ex. crusher shell, bolt threads, etc.)
- ③ Assemble mating parts. Seal all gaps, bottom joints, and openings with Deacon Mold-Pac to prevent leakage. Use Deacon Mold-Pac as a funnel to divert flow and prevent spillage of the backing compound when pouring into the head liner (mantle).

Mixing:

- ① Deacon Crush-Bac must be at 55°F+ (13°C+) and substrate between 50-150°F (10-65°C) before use.
- ② Pour small container (resin) into larger container (hardener). Ensure entire contents are emptied into the larger pail. Scrape sides of smaller pail if needed.
- ③ Mix thoroughly. Use of drill type paddle mixer for 3-5 minutes is preferred.

Application Method:

- ① Blended product can be poured immediately. If a lower viscosity is preferred or when working in colder environments, wait 15-25 minutes before pouring.
- ② Use Deacon Mold-Pac to direct flow if needed.
- ③ Pour in one place and allow Deacon Crush-Bac to fill the cavity and push out the air in front of it.
- ④ Succeeding kits may be mixed and poured individually as needed. Deacon Crush-Bac adheres to itself.

Special Instructions:

During cold conditions, store Deacon Crush-Bac at room temperature and pre-heat substrate until warm to touch. Indirect heat may be applied for shortening the cure time.