

FIELD CUTTING INSTRUCTIONS

SAFETY

Operators cutting and/or drilling concrete should always take the proper safety precautions. Respiratory and eye protection should be worn. All equipment should be inspected prior to operation and the work area should be free of any potential hazards.

TOOLS REQUIRED

Cutting Table

Circular Plunge Cut Saw

Continuous Rim Diamond Cutting Blade

Guide Rail

Vacuum

CUTTING PROCEDURE

1. Place the panel **face up** on a level cutting table. It is important to have continuous support underneath the full panel. Otherwise, use a large rigid substrate on top of saw horses to build a cutting surface.
2. Mark your measurements onto your panel.
3. If making a long, straight cut it would be recommended to use a guide rail clamped to the panel. Many stone rail saws, such as the Omega Blue Ripper Jr., come with guides and is a good investment for projects with an extensive amount of cuts. Ensure any tools or equipment making contact with the panel are clean and free of debris that could scuff the panel.
4. Using a circular drive plunge cut saw with a continuous rim diamond blade, make the cut across the panel.
5. **DO NOT USE WATER OR A WATER FEED.** The cuts should be made dry. The slurry that results in a wet cut will be absorbed by the fresh cut edge of the concrete panel which could use darkening.
6. Use a vacuum with a soft bristle attachment to remove the dust off the surface.
7. For small intricate cuts, notch outs, or to finish off a large cut you can use an angle grinder with a 4" to 5" continuous diamond cutting blade and make the cut freehand.

