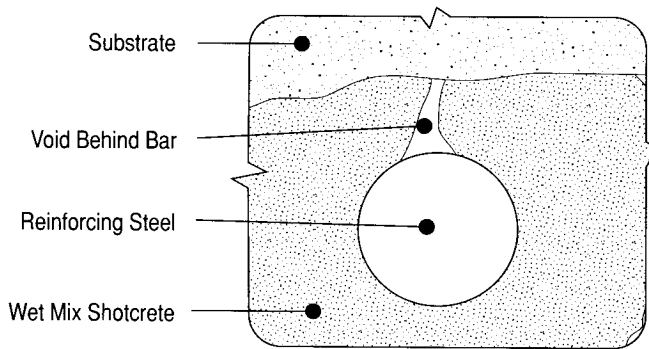


# Wet Mix Shotcrete

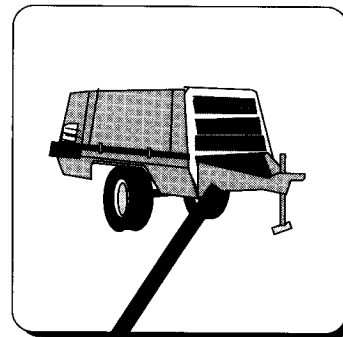
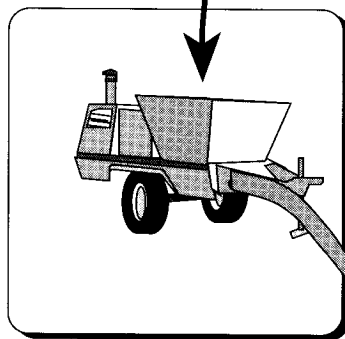
Wet mix shotcrete is a method that involves premixing of all ingredients (except accelerators) including binder, aggregates, admixtures, and mixing water. The premixed repair materials are deposited into a pump or pressure vessel which transports the materials to an exit nozzle, where compressed

air is introduced. The repair material is propelled onto the substrate with compressed air. Admixtures can be used to enhance the shotcrete material. Silica fume and fibers are commonly used to enhance durability. Air entrainment is required for freeze-thaw resistance.

## Potential Problem if Improperly Placed



Mixed repair material is placed into pump.



Compressed air is added to propel the material out of the nozzle.

