

LEAVEAHOLE

SCOTT MATERIALS, INC.

The LEAVEAHOLE hole form is an engineered insert that provides alternate means for installing holes for resin bonded anchors and dowels. The insert is designed to provide a stronger, safer, cleaner, faster and more economical concrete cavity than those made by drilling or coring. The insert provides the specified clearance for construction epoxies while forming an increased surface area that increases bond strength.

Jobsite safety is improved by the elimination of drilling hazards such as silica dust and fueling/equipment exposures. Dowel placement may be deferred to subsequent tasks thus eliminating tripping and impalement hazards/costs. The insert is recyclable, easily installed and removed, requires no equipment and eliminates dust and slurry pollution. LEAVEAHOLE reduces labor costs and improves jobsite safety.

Damage to rebar and post tensioning caused by drilling is avoided by pre-positioning the insert using custom lightweight form hardware. Reinforcing steel quantities are reduced as the insert allows for the full development of the specified strength of Grade 60 reinforcing steel in a shorter length.

LEAVEAHOLE was developed in the North Texas market in the late 90's. The patented product is sized for the most popular dowel, sleeve and post applications. The insert has been used on many commercial projects in North Texas. The insert was submitted to TxDOT in March 2005 and has progressed to laboratory review.

LEAVEAHOLE was used at the new automated people mover (APM) project at DFW International Airport. The inserts were used to dowel over 460,000 sf of running surface to the elevated bridge decks. Drilling FOD over active aircraft was eliminated. Labor and safety costs were dramatically reduced. The contractor eliminated drilling, reduced steel quantities and deferred dowel tasks to provide clear, safe access for workmen and material flow.

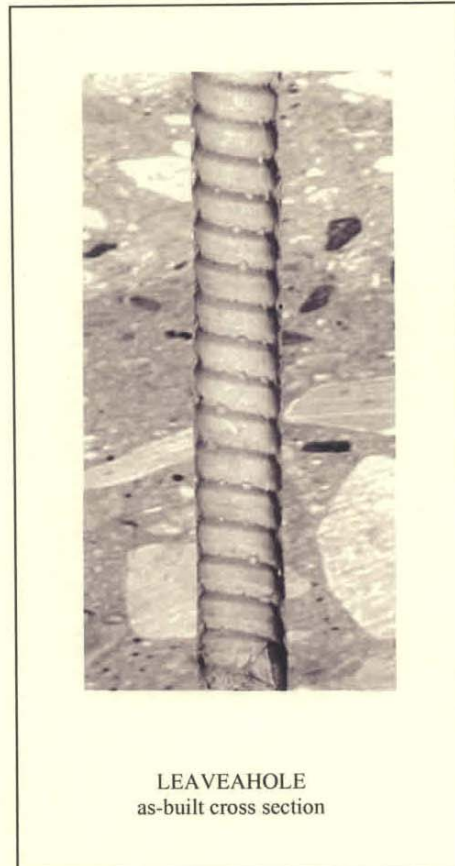
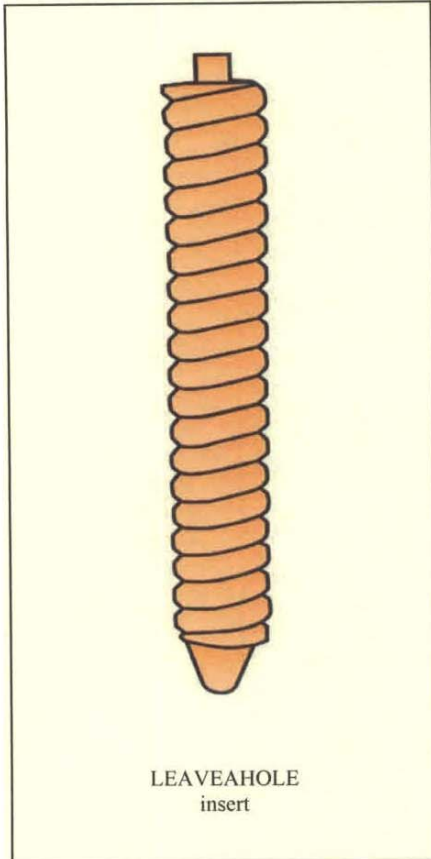
Custom form hardware allows the insert to be utilized in horizontal and vertical applications. Construction joint applications for slab on grade and paving are simplified, safer and allow more reuse of formwork. Slip dowel caps may be eliminated at slip joint conditions. Tilt wall slab dowels can be deferred providing less obstructions and safer access for backfill tasks. Masonry dowel applications may be deferred until the start of masonry, eliminating safety caps. Vertical CJ's at bulkheads allow for easier keyway/waterstop installations.

Sleeve applications improve adhesion properties for fire safing and fire stop materials. Heavy duty adjustable sleeve hardware allows for various depth pours while accommodating for metal pan angles. Post & rail applications eliminate coring costs. All inserts have removable caps with locator whiskers that reduce finishing obstructions reducing finishing time and cost.

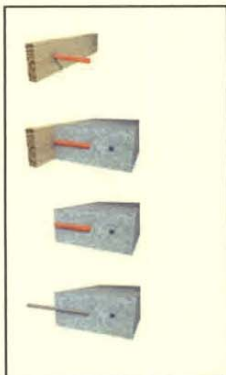
LEAVEAHOLE simplifies and improves dowel and anchor hole installations.

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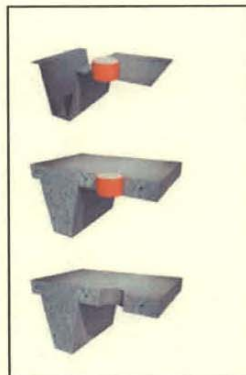
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Construction
Joints



Sleeves



Posts & Rails

