



River & Flood Walls



Bridge Abutments



Rail Transportation



Roadway Support



Curtain Walls

KeySteel in the TEXAS DOT

- Approved for use in any modular wall specification.
- Approval for use in panel specifications
 - Projects less than 50,000 square feet
 - Requires District Engineers approval and inclusion into specification
- Available to value engineer on any panel project less than 50,000 square feet



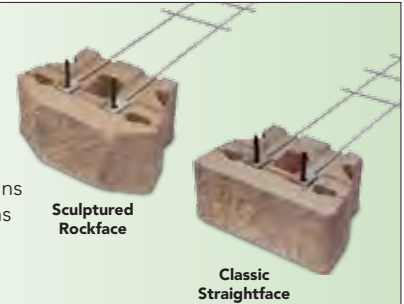
TEXAS

Product Information

Unit Specifications:
 8" H x 18" W x 12" D
 85 lbs

Pin Specifications:
 5/8" x 8" Steel Connection Pins
 5/4" Fiberglass Alignment Pins

KeyStrip Specifications:
 Ranges from 8' - 60'



Performance Characteristics

KeySteel SQFT vs Large Panel Systems

- Replaces the logistics of handling the 26-piece reinforced panel system, eliminating job shut downs due to a potential change in the job construction path or for damaged or miscast panels.
- Follows the bottom and top envelop lines closer than large panels, which lowers the average wall height; thereby reducing wall area, reinforcement length, foundation excavation & disposal, and reinforced fill volume.
- KeySteel has labor economies of unskilled workers. Crew sizes can be adjusted one man at a time to exactly match production rates.
- Can be handled with bobcat/skid steer sized equipment.
- The one foot thick KeySteel SQFT panel provides extra protection against face side impact damage.
- Creates a flexible facing, handling most foundation settlements without employing slip joints.
- The combination of the KeySteel panel thickness and the flexible connection eliminates the need for driving wedges between panels for drawdown forces.
- Field cut to match protrusions through the facing, eliminating field measurement and special panels.

KeySteel SQFT vs Extensible Reinforcement

- KeySteel employs steel strips which allow very heavy loads to be carried at low strains and without long term creep deformation problems (cracked pavements, moved superstructures, etc.).
- KeyStrips can be skewed around obstructions, eliminating a key disadvantage of geogrid (extensible) wall systems.

Support Material

- KeySteel SQFT is designed to comply with the AASHTO, LRFD specifications and criteria.
- Manufactured product materials comply with AASHTO, LRFD specifications and criteria.
- CONTECH is a single source supplier including panel facing, connection pins, soil reinforcement and design.
- CONTECH has permanent representation in your area to help assist in planning and installation.

