The Micropile Bracket

The ECP PPB-350-MP is a patented pre-engineered micropile underpinning system, designed to provide the contractors with an easy to use foundation repair system in the toughest of soil conditions.

Developed as a joint venture between leaders in their respective fields, Earth Contact Products and TEI Rock Drills have put their expertise together to design a system to make the installation of micropile brackets as efficient as other underpinning systems. Together we have adapted a proven ECP-style underpinning bracket to attach to the TEI Hollow Bar Drilling Rig, allowing a uniform drilled and grouted Micropile.

How does this work? The ECP PPB-350-MP brackets eccentrically transfer the load of the structure to the hollow bar grout column, while maintaining the function of a continuous Manifold Lift. This key element in the design allows for engineers and contractors the convenience of a proven, off the shelf bracket system that can easily adapt to micro pile applications.

Earth Contact Products MP-350 Micropier Bracket System is easily installed into difficult soil conditions that can contain large cobbles, obstructions and bedrock. The TEI / MP-260 Drill Rig that is used in conjunction with the ECP Micro Pier Bracket System creates a lightweight and portable drilling unit that is used worldwide in the foundation repair industry. With its proven track record, contractors find that the installation and drilling of the Micro Pile is fast and efficient. With its grouted column, lateral loading in suspect soils is no longer a problem.

Along with the PPB-350-MP Earth Contact Products offers contractors and engineers the ability to add value to their businesses by opening up new business opportunities when other underpinning systems may not be able to be installed. That’s how Earth Contact Products works for you.

Benefits:
- Little to No vibration
- Installs with Portable Equipment
- Fully Adjustable Lifting
- High Performance
- Engineer Designed and Tested
- High Load Capacity
- Can Penetrate Obstructions
- U.S. Patent # 8,741,880

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ECP Micropier Underpinning System – Designed and Engineered to Perform!
Benefits of the Micro Pier System:

- Bracket is a pre-engineered and pre-tested product
- Capacity ratings of 75,000-99,000 lbs
- Quickly Installs to the TEI Drill Rig MP-260
- Integrated Manifold Lift Design
- Minimal Site Preparation
- Installs in Low Head Room Areas or Limited Access Areas
- System Handles Difficult Ground Conditions
- Easily Load Tested to Verify Capacity
- Designed to Transfer Load to the Full Length of the Pile
- Cost Effective due to ease of operation and design

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