

## ECHO Brickell

QUIKRETE® Mason Mix Type S Mortar & Non-Shrink Precision Grout  
Miami, FL



### PROJECT DESCRIPTION:

ECHO Brickell is an exclusive 57-floor, 180-unit luxury residential high-rise in the epicenter of Miami's fastest growing and trendiest metropolitan neighborhoods. A collaboration between acclaimed architect Carlos Ott and designer yoo Studio, ECHO Brickell features marble and porcelain tile floors, and expansive terraces and wall-to-ceiling windows for views of the Atlantic Ocean.

Custom Tile applied nearly 300,000-lbs of QUIKRETE® Mason Mix Type S Mortar over thin-set mortar before individual installing each large format 2' by 2' marble tile in the common areas and large format 2' by 2' porcelain

tile in the units. This unique installation process, which also features grout joints only 1/16" wide, minimizes potential cracks caused by movement and insures a consistently level floor throughout ECHO Brickell.

Installing the balcony and windows to withstand storms and other inclement weather in the area was also a challenge. With a pull-out strength of more than 35,000 PSI, the QUIKRETE® Non-Shrink Precision Grout used by J&P Glazing to install thousands of balcony rails and window bolts makes the units safe and low maintenance.

QUIKRETE® Mortar is a high strength, commercial grade, dry pre-blended mixture of sand, hydraulic lime and cements specially selected for masonry applications. It meets S requirements as specified in ASTM C270 and pigments may be added to match any existing or new construction. Type N and M formulations are also available.

QUIKRETE® Non-Shrink Precision Grout is a high-strength, Portland cement-based grout with a 25 minute working time, making it ideal for use in applications where multiple anchors are required. Non-Shrink Precision Grout achieves 12,500 PSI compressive strength in 28 days.

**DEVELOPER:** PMG Property Market Group

### SUB-CONTRACTORS:

J&P Glazing, Custom Tile

### QUIKRETE® PRODUCTS:

- 80 lb Type S Mortar: 4,116 bags
- 50 lb Non-Shrink Precision Grout: 1,094 bags

### PROJECT START DATE:

July 2015

### PROJECT COMPLETION DATE:

March 2017

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