

# Virginia Beach Convention Center

Virginia Beach, Virginia

PROJECT  
PROFILE  
**005**



G7000 silo



Ten Bagger silo



SPEC MIX® PCL Sand  
Type M Mortar



SPEC MIX® Core Fill Grout

**SPEC MIX® PCL Sand Mortar** is a dry, preblended mortar mix containing portland cement, hydrated lime and dry masonry sand formulated for superior bond, water retention and board life. Meets ASTM C 270 requirements.

**SPEC MIX® Core Fill Grout** is a dry, preblended mix containing cementitious materials and dried aggregates formulated for superior flow to fill masonry voids while meeting ASTM C 476 requirements for reinforced masonry construction.

#### LICENSEES:

Billings Brick and Masonry Supply, Billings, MT  
Central Pre Mix Concrete, Kent, WA  
Central Pre Mix Concrete, Spokane, WA  
EZ Mix Products, Sun Valley, CA  
Gibraltar National, Detroit, MI  
Great River SPEC MIX, Muscatine, IA  
Materials Packaging, Memphis, TN  
Materials Packaging, Draper, UT  
Midwest Block and Brick, Kansas City, MO  
Package Pavement, Stormville, NY  
Packaged Concrete Inc., Elburn, IL  
Precision Packaging, Jackson, MS  
Precision Packaging, Fort Smith, AR  
Precision Packaging, North Little Rock, AR  
QUIKRETE Atlanta, Lithonia, GA  
QUIKRETE Baltimore, Clinton, MD  
QUIKRETE Birmingham, Birmingham, AL  
QUIKRETE Boston, Brentwood, NH  
QUIKRETE Buffalo, Lackawanna, NY  
QUIKRETE Carolina, West Columbus, SC  
QUIKRETE Chesapeake, Chesapeake, VA  
QUIKRETE Cincinnati, Harrison, OH  
QUIKRETE Columbus, Columbus, OH  
QUIKRETE Connecticut, Wauregan, CT  
QUIKRETE Denver Holdings, Denver, CO  
QUIKRETE Indianapolis, Indianapolis, IN  
QUIKRETE Kentucky, Louisville, KY  
QUIKRETE Miami, Miami, FL  
QUIKRETE Nashville, Nashville, TN  
QUIKRETE Peachland, Peachland, NC  
QUIKRETE Philadelphia, Berlin, NJ  
QUIKRETE Pittsburgh, Latrobe, PA  
QUIKRETE Tampa/Orlando, Eaton Park, FL  
QUIKRETE Tennessee, Jefferson City, TN  
QUIKRETE Wisconsin, Sussex, WI  
Saunders Dry Mix, Nedrow, NY  
Simpson Materials, Valley Park, MO  
Superlite Block, Phoenix, AZ  
Texas Industries, Inc. (TXI), Dallas, TX  
Tri Delta Inc., North Las Vegas, NV  
Tri State QUIKRETE, Flanders, NJ  
Twin City Concrete Products, Mendota Heights, MN  
Twin City Concrete Products, Des Moines, IA  
Twin City Concrete Products, Vinton, IA  
Twin City Concrete Products, Omaha, NE  
Twin City Concrete Products, Fargo, ND  
Twin City Concrete Products, Sioux Falls, SD



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## Virginia Beach Convention Center

Virginia Beach, Virginia

November 2004

PRODUCTS: **PCL SAND MORTAR AND CORE FILL GROUT**

CONTRACTOR: **SNOW JR & KING**

LICENSEE: **QUIKRETE CHESAPEAKE**



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## THE SOLUTION

When mason contractors Snow Jr. & King decided to use the SPEC MIX® system, their worries and problems concerning space, clutter and efficiency were no longer an issue. With silos in place, the need for sand piles and pallets of bags was eliminated, and mortar was stored out of sight and off the road. The preblended mortar created a uniform batch more consistent than any field mixed mortar. By eliminating the extra work needed for field mixing mortar, jobsite efficiency increased and the masons were able to spend more time at the wall laying brick.

With fewer people at the mixing station and more laying brick, Snow Jr. & King was able to finish on schedule, with a clean site. Using SPEC MIX PCL Sand Type M Gray Mortar and Fine Grout that had been custom engineered to Snow Jr. & King's specifications, consistency of the products reduced downtime on the project. With the patented G7000 and Ten Bagger silos in place, the confined set up area was not an issue. SPEC MIX was the only logical solution for this project.

Snow Jr. & King has grown to be one of the larger mason contractors in Virginia. With that comes a variety of different and difficult jobsites to work with. Because SPEC MIX has offered more solutions than just space and efficiency for the past 14 years, Snow Jr. & King uses SPEC MIX on the majority of its projects.

### PROJECT BRIEF

- 1 New convention center in Virginia Beach, Vir., built in highly visible site.
- 2 Mason contractor needed to stay ahead of subcontractors.
- 3 VERY confined set up space and difficult conditions for efficiency
- 4 SPEC MIX G7000 and Ten Bagger silos with bulk bags reduced clutter on jobsite.
- 5 Efficiency at mixing stations allowed masons to spend more time laying brick.
- 6 Project finished on schedule and without clutter.

PHOTOS BELOW: SPEC MIX® G7000 AND TEN BAGGER SILOS REDUCED CLUTTER ON THE JOBSITE AND INCREASED PRODUCTION. THE MASON CREW WAS ABLE TO SPEND MORE TIME AT THE WALL AND LESS TIME AT THE MIXING STATION.

## THE CHALLENGE

Building in a prime resort area isn't easy with so many eyes on the site's progress and caliber of work, as was the case with a new convention center in Virginia Beach, Virginia. Besides the public scrutiny, there were many other challenges this project faced. The footprint was on the edge of a busy freeway, which kept the public well aware of what was happening on this jobsite. The general contractor believed that keeping his jobsite extremely clean was not only a huge safety factor with so many masons at work, but also a way to let the residents of this community know that his firm cared about the neighborhood's appearance. With 20 bricklayers and 25 to 30 laborers on site, things could get a little bit cluttered at times, creating very confined set up areas. There was literally no room for error, and the idea of sand piles and pallets of bags sitting around the jobsite was out of the question.

Not only was the limited space and confined set up area a problem, but production efficiency was a key element to this project. The structural design of the convention center did not contain any large walls where a good production rate would be beneficial. The need for skill and extreme efficiency came into play when poured concrete beams and columns required the mason contractor to stay ahead of the other subcontractors on site. A solution was quickly needed.

*"THIS WAS A Poured concrete frame structure, and we wanted to stay ahead of all the other subcontractors on site. Plus the logistics are a true headache. Couple these factors with the time frame and the nature of the job, SPEC MIX WAS JUST LOGICAL."*

**BUD EASTON**  
PROJECT MANAGER  
SNOW JR & KING

PHOTOS ABOVE: CONFINED SET UP AREAS AND A TIGHT SCHEDULE REQUIRED THE MASON CONTRACTOR TO KEEP CLUTTER DOWN AND PRODUCTIVITY UP. SAND PILES AND PALLETTS OF BAGS WERE OUT OF THE QUESTION. SPEC MIX PROVIDED AN EFFICIENT SOLUTION.

