

JEB WORKING WITH PERMASTEELISA ON NYC OFFICE TOWER

For Immediate Release

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J.E. Berkowitz, L.P. (JEB) of Pedricktown, NJ will fabricate over 165,000 square feet of insulating glass for the 31-story glass-encased 510 Madison Avenue project in downtown Manhattan. Designed by famed architect Dan Shannon of Moed de Armas & Shannon Architects of New York City, the multi-tiered office tower's upper floors are inset, resting atop the sixth floor rooftop plaza of the building's footprint.

JEB's project management team is working directly with glazing contractor Permasteelisa of Windsor, CT, to ensure the insulating glass is fabricated, packaged and delivered to exact specifications. JEB is using Just-In-Time manufacturing to produce the units for delivery to Permasteelisa's plant in the Hartford, Connecticut area. JEB will package the larger sized units in specialized wooden crates and the smaller units on returnable steel racks to help minimize disposal issues.

Ivano Benolli, Senior Project Manager for Permasteelisa, said, "At the start the project, everything was ahead of schedule... until the project changed from a condo to an office tower; this was actually scheduled to be produced last year. So, the production schedule became tight...pushing the design requirement." JEB will be delivering one truckload a week for the next



eight months to meet project deadlines. According to Benolli, the exterior building envelope should be completed within a year.

The 1” overall high-performance heat-treated insulating glass units will be composed of Guardian SunGuard AG-43 coating on clear glass. To further improve performance, each unit will be argon-filled on-line by an IG press. According to Arthur Berkowitz, President of JEB, “The IG units for the project are large and challenging, many are 59 inches wide by 134 inches tall. This size unit is under greater windload stress and deflection than a standard sized unit, requiring a greater silicone secondary seal fill based upon engineering calculations.”

For the entire project, all of the units are being fabricated with a greater silicone fill. They also feature a special light grey silicone for cleaner sightlines when viewing the building from the interior or exterior.

“We are proud to work with Permasteelisa on this project,” says Berkowitz. “We look forward to helping make it a great success.”