



**SECOND PLACE**  
**Waterproofing**  
**Category**

**Morgan Building, US Postal Service, New York, NY**  
**J.P. Patti Company, Inc., Saddle Brook, NJ**



J.P. Patti was contracted to re-roof the Morgan Building, a 110,000 square foot structure that functions as a major sorting facility for the U.S. Postal Service. This building operates 24 hours per day, covers an entire city block, and featured a built-up asphalt roof that was no longer performing.

The building remained open during the roof installation with no disruptions. The new roof system consisted of a Sarnafil® 80 mil membrane and gypsum roof board over several layers of extruded polystyrene insulation. Materials were loose laid over the existing roofing and selected roof areas were cov-

ered with river-washed gravel ballast, concrete pavers, soil media and sedum plants.

The newly installed vegetated roof included more than 3,600 pavers, 468 tons of one inch round ballast, 927 cubic yards of soil, and truckloads of plants and trees. J.P. Patti 'blew' the soil at a height of 95 feet and across a roof area 300 feet wide.

This project was completed in nine weeks and under budget. The transformation was remarkable — an older built-up roof now has the appearance of a park with all of the ecological advantages. The Morgan Building is the largest green roof in New York City.

