



Columbus Square - New York City Green Roofing at State-of-the-art Residential/Commercial Building

Located in the Upper West Side of NYC, this new construction complex on 775/795/805/808 Columbus Avenue provides luxury apartments for sophisticated housing. Oak strip wood floors and floor to ceiling glass windows with view to Central Park on the west and Riverside Park to the east are only part of the amenities. And so are the approx. 12.077 m² roof gardens - one with an adjacent pool - offering outdoor living space for recreation.

The buildings were finished in 2010/2011 and followed state-of-the-art sustainable design criteria. When it came to choosing waterproofing materials to protect the inhabited and retail space below the large vegetated roofs, cold-liquid applied **KEMPEROL BR** was the chosen system, providing a clean and safe solution. KEMPEROL membranes are fully reinforced with non-woven polyester fleece and adhere to the substrate over the entire surface. Flashings for drains and pipes are seamlessly integrated into the edge- to-edge membrane. The waterproofing system is rot and root resistant with FLL approval and provides a maintenance free substrate for a variety of overburdens, e. g. wood decking for the walkways, pavers on pedestals for the terraces, and various components for green roof assemblies including soil and plants. In addition to the roof garden, the main roofs of 808 and 775 Columbus Ave., a cooling tower and a parking garage were waterproofed with **KEMPEROL BR**, whereas solvent-free and odor-free **KEMPEROL 2K-PUR** was installed on the indoor pool deck area, totaling the project size to 13.935 m².

Living at Columbus Square fulfills highest standards in today's art of living; an excellent location, outstanding design and the right choice of construction materials - to preserve the buildings and to protect the investment.

Certified Contractor:

City Skyline, Inc. headquartered in Brooklyn, NYC, has successfully installed thousands square metres. of KEMPER SYSTEM waterproofing and roofing systems in the New York Metro area. Founded in 2005 by Arek Kwapinski, City Skyline specializes in waterproofing commercial, residential and educational buildings. City Skyline's professionalism and dedication to providing excellent workmanship forms the basis for a successful business partnership. For more information, visit www.cityskylineinc.com.

KEMPER SYSTEM - over 60 years of experience in cold liquid-applied resins

KEMPER SYSTEM is a leading manufacturer of liquid- applied waterproofing and roofing systems for high profile applications. KEMPER SYSTEM fleece-reinforced, cold-applied resin membranes reliably protect the most renowned buildings such as the Empire State Building, the Freedom Tower, Fenway Park, Madison Square Garden, Falling Water, Woodruff High Museum of Art. Building Owners and property managers base their trust on a proven performance of over 60 years. KEMPER SYSTEM focuses on sustainable products with renewable resources and solvent-free applications.



Projektdaten:

Object: Columbus Square

Location: New York City

Object size: ca.13.935 m²

Waterproofing system:

KEMPEROL BR, KEMPEROL 2K-PUR

Processor:

City Skyline, Inc

Year of execution: 2010 – 2011

Manufacturer:

Kemper System GmbH & Co. KG

Holländische Straße 36

D - 34246 Vellmar

Tel.: +49 (0) 561-82950

Fax: +49 (0) 561-829510

Email: post@kemper-system.com

Homepage: www.kemperol.com

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