



Case Study

Sika® Level-325, Metropolis Project, Los Angeles, California

General Contractor: Webcor Builders

Developer: Greenland USA

Year: 2016

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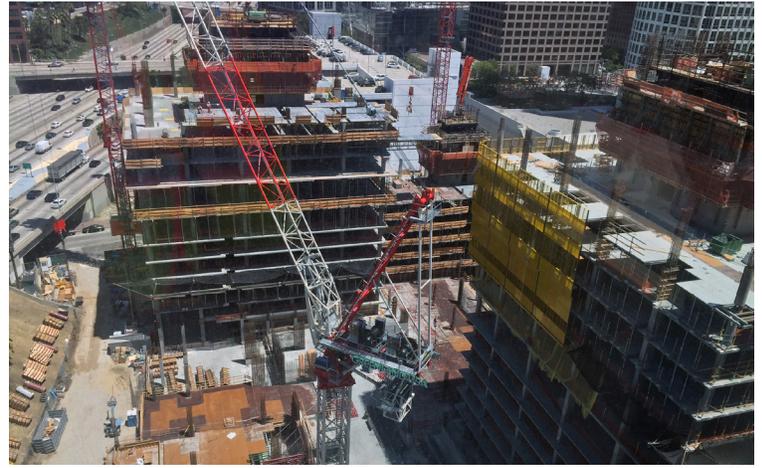


Introduction

Metropolis is a billion-dollar project which is part of the great development project of downtown Los Angeles. The project comprises of a hotel and three residential towers totaling 1,500 condominiums. The Construction of the Metropolis projects is divided in three phases. The project started on August 1, 2015 and the target is to complete the four buildings by July 31, 2018. Metropolis project is looking to achieve LEED Silver certification. Phase I of the project, started in 2015. Two buildings are part of it, a hotel with 20 floors and a 38 floors residential tower. The hotel will include 350 rooms, while the residences will provide 309 units.

Phase II of the Metropolis project involves building of 514 luxurious condominiums. A total of 42 floors high-rise, an 18 floors mid-rise, and nine levels of parking garage will be constructed.

For phase III, Charles Pankow Builders Ltd., in partnership with the PENTA Building Group is constructing a 56 floors residential condominium. The construction of 677 multi-family units represents a total of 850,000 sq.ft. living space.



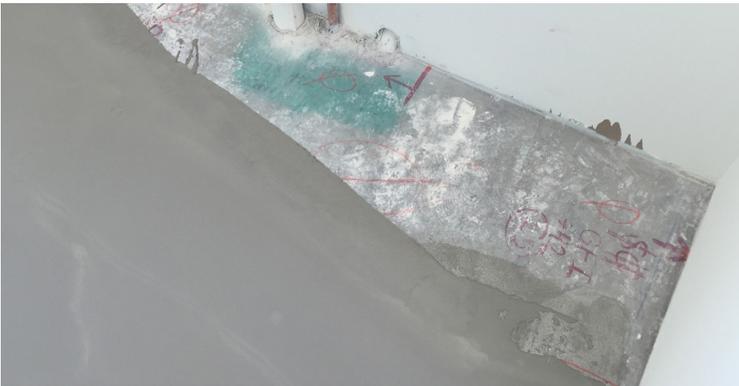
The Challenge

Sika was asked to provide a huge quantity of material in a short period of time. The product had to meet the project specifications for durability, shrinkage and workability. A proposition of built-up is necessary in order to receive wood floor as fast as possible.

Solution

In February 2016, Sika® Level-325 was chosen as the product of choice for the phase I of Metropolis project with a total area of 176,000 sq.ft. The main reason for its selection was the self-leveling and the high strength properties. The product was mixed manually with a high speed drill and egg beater type paddle in order to get the best flow of the material. The crew working on that project was trained to work with Sika® Level-325. Sika supplied over 40,000 bags in twenty-five weeks to Metropolis project. Sika® Level-325 was successfully placed and the result is a smooth and a flat surface ready to receive SikaBond®-T35. Maximum depth was 1 1/2 " deep. The layers thickness varied from 1/8" up to 1 1/2 " with an average of 3/4". The excellent placement characteristics of the Sika® Level-325 coupled with the outstanding execution and placement strategy of the contractor, resulted in a challenging project to be completed successfully.

In April 2017 the contractor start the phase II with Sika on the Metropolis project. Once again, Sika® Level-325 was a choice of the contractor for that phase II. Sika is proud to be a part of a system solution involving primers, leveling products and a wood floor bonding adhesive on this signature projects in downtown LA.



FOR MORE INFORMATION:

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