



Wooden Deck Surface Protection

Featuring Polyshield HT™

Project:

Residential Home
Wood Decking & Sheer Walls

Location:

Beverly Hills, CA

Contractor:

Poly Coatings, Inc.

System:

POLYSHIELD HT™

Total Area:

2,500 square feet

Completion Date:

2008

PROBLEM:

A residential contractor in Beverly Hills, CA needed a strong, water resistant, elastomeric coating system to protect wooden decks and sheer walls from insect damage. The home previously had Chromate Copper Arsenate (CCA) being used as a protective coating, but the U.S. Environmental Protection Agency restricted the use of CCA in 2004.

The general contractor considered several other methods including hot mopping and torch down membrane systems. However, these methods were not efficient due to the heating and cooling they would require. The rapid temperature change causes the substrate to crack and pull away from the metal

flashings. This would create leaks throughout the floor surface.

SOLUTION:

Polyshield HT™ was the best choice because of its high tensile strength and elongation properties. It could withstand surface expansion and contraction caused by freeze-thaw cycles. It also has an excellent Permeance (perm) rating for water containment. Polyshield HT™ is 100% solids, contains no VOCs, and is safe for use in residential and commercial properties.

RESULTS:

The general contractor said he will continue to use Polyshield HT™ on all of his custom home jobs where water control is needed.



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