

CETCO vapor barrier chosen by top home builder for site with former oil wells

The Palisades at Vista del Verde is a multi-family housing development that is situated on a site that once was home to numerous oil wells. The oil wells have since been removed and capped, however detectable levels of methane gas are present in the soil.



A CETCO-pioneered smoke test (image on left) was performed on the LIQUID BOOT® vapor barrier after it was installed to ensure a quality and gas tight installation.

PROJECT DETAILS

Palisades at Vista del Verde

Engineer: GeoKinetics, Inc.

General Contractor: Taylor Morrison

Certified Installer: Advanced Construction Technologies

LOCATION

Yorba Linda, California, USA

PRODUCTS USED

LIQUID BOOT® 500 Spray-Applied Vapor Barrier

GEOVENT™ Gas Venting System

CHALLENGE:

A vapor barrier was needed on site to protect the structures from methane gas by providing a seamless barrier around critical vapor intrusion pathways and eliminate potential risk.

SOLUTION:

CETCO, the engineer and the approved LIQUID BOOT® vapor barrier installer, worked directly with the general contractor to ensure that correct design and installation would allow the project to come in under budget and within the construction schedule. CETCO solutions were chosen based on reputation, design assistance and capability of accommodating a tough construction schedule. CETCO was instrumental in helping the engineer complete the proper ventilation and membrane design. The gas vapor mitigation consisted of installation of GEOVENT™ sub-slab ventilation and 117,000 square feet of the LIQUID BOOT® vapor barrier.

RESULT:

Installation of the LIQUID BOOT® 500 vapor barrier was extremely successful and was able to be installed much quicker than any of the competing products due to its benefit of a spray-application and rapid curing time. CETCO products installed by CETCO trained and certified installers provided the buildings with proven protection against vapor intrusion while also saving the customer time and money.

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