

Spray-applied methane barrier chosen as protection to homes built near oil derricks

The site of Aubry at Alamitos Ridge single-family housing development by Lennar Homes is also the site of multiple active oil derricks.



PROJECT DETAILS

Aubry at Alamitos Ridge

Engineer: GeoKinetics, Inc.

General Contractor: Lennar

Certified Installer:

Advanced Construction Technologies

LOCATION

Signal Hill, CA

PRODUCTS USED

LIQUID BOOT® 500

Gas Vapor Mitigation System

GEOVENT™ Gas Venting System

The spray-application of the LIQUID BOOT® gas vapor barrier ensured the project was completed quickly and efficiently. Vapor intrusion pathways, areas that present the most potential risk for compromised indoor air quality, were effectively sealed. LIQUID BOOT® can only be installed by those trained and approved by CETCO, helping to ensure a quality and reliable gas vapor membrane system for your project.

CHALLENGE:

The home builder had methane on site and needed to mitigate potential migration from the sub-slab. Active oil derricks create a constant source of potential methane nearby.

SOLUTION:

CETCO, the engineer and the approved LIQUID BOOT® 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. The engineer, Geokinetics, Inc., designed a vapor mitigation system incorporating CETCO's LIQUID BOOT® 500 spray-applied gas vapor barrier, CETCO GEOVENT™, a low-profile venting system and CETCO's vapor barrier protection layer, UltraShield™ G-800.

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RESULT:

CETCO's LIQUID BOOT® membrane has been installed under dozens of single family homes at Aubry at Alamitos Ridge with great success. Many homes have already been purchased and the final stages will be ready to be occupied by the end of 2012. CETCO products installed by CETCO trained and certified installers provided the homes with proven protection against methane gas intrusion while also saving the customer time and money.

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