

PROJECT PROFILE

K HOVNANIAN HOMES, MEADOWVIEW II AT MOUNTAIN HOUSE - RMAX POLYISO WITH INTEGRATED DRAINAGE MESH FACERS



PROJECT DESCRIPTION

With the energy saving requirements of California Title 24, Part 6 becoming more and more stringent with each passing code cycle, developers are finding it more challenging to meet those requirements by simply adjusting common methods and practices. K Hovnanian is very proactive with meeting the demands of the energy code and had already designed their walls to meet those performance requirements ahead of the 2020 code cycle.

Due to some unforeseen durability and availability issues with the originally intentioned continuous insulation, K Hovnanian challenged Rmax to devise a solution that would make a higher performing building envelope without changing their current design, and without changing the means and methods in which their stucco applicators install the exterior assembly.

With some research and development, the solution came in the form of a polyisocyanurate insulation board that integrated a glass fiber drainage mesh facer on both sides. Now K Hovnanian had access to a product that allowed for the positive drainage needed for 1-coat stucco assemblies, but that also had 20% higher R-Value than the continuous insulation originally specified. Applicators like DLC Plastering, Inc. were now able to simply “plug and play” a higher R-Value insulation on the Meadowview II project without making any adjustments to the trims and fasteners they were accustomed to using.

RMAX POLYISO WITH INTEGRATED DRAINAGE MESH FACERS

An energy-efficient continuous polyiso insulation board with integrated drainage mesh facers applied to both sides. It makes for easier installation and significantly less material waste.



BUILDING TRUST





WHY RMAX POLYISO INSULATION

- 50% higher R Value than EPS
- 20% higher R Value than Graphite EPS or XPS
- Utilize same installation techniques and materials
- Reduce framing to 2x4*
- Reduce or remove HPA requirements*
- Reduce or remove expensive high performance mechanicals like water heaters and whole-house fans*
- Increase EDR credits by 0.5 - 1.0 or more*
- 50% higher service temperature performance than most XPS products

Rmax's engineered products and solutions allow for optimal energy efficiency and ease of construction, all while adding to the bottom line through both material and labor savings.

**consult your energy rater*

GENERAL CONTRACTOR

K Hovnanian Homes

INSTALLER

DLC Plastering, Inc.

DISTRIBUTOR

L&W Supply



Open stud wood framing (except at structural/ shear conditions) 2-ply 60 minute asphalt saturated paper, 1" Rmax polyiso insulation with drainage mesh facers, lath, 1-coat stucco

Location: Mountain House, California

Project Size and Insulation: 288,000' of 1" Rmax polyiso with integrated drainage mesh facers

Project Timeline: Segment to be completed by end of 2020

