



**WHALE ROCK
HOUSE**
EAST HAMPTON,
NEW YORK

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ArcelorMittal Dofasco Steel Design, 2008)

Design and Construction Team

Architect:

Eisner Design LLC – New York
212-418-84008

General Contractor:

Aran Construction, 516-885-9958

Roof & Wall cladding installer:

Copper Works, 631-235-5801

Photography:

Paul Warchol Photography Inc.

Photos:

1. The prepainted silver coloured Galvalume roof remains cool, minimizing solar heat gain and, according to Joe, "...the steel roof was selected for functional, environmental and aesthetic reasons. As well, the standing seam installs quickly and provides an energy efficient, durable, long life roof".
2. For the roof and wall cladding .61mm (.0239") prepainted Galvalume, coloured Silver, with the Kynar 500 fluoropolymer finish was used.

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Prepainted Galvalume Selected for Functional and Environmental reasons

Eisner Design, with a commitment to sustainable and environmental design, selected prepainted steel for the exterior of the Whale Rock House due to its recyclability, durability and low maintenance. However, perhaps the most interesting concept of the project is articulated by how the architect has incorporated the standing seam steel roof.

The long life, cool prepainted Galvalume steel roof wraps and protects the stucco volumes on its three sides in similar fashion to how one's hand might hold or cup an egg. The standing seam steel roof bends to become the vertical plane of the exterior wall. The decking of sustainable mahogany acts as the underside of the enveloping hand, aligning with the standing seam roof line above. The roof/wall wrap also extends past the kitchen to define an outdoor covered dining deck.

According to Joe Eisner, "the primary design intent was to have a continuous exterior steel wall wrap to envelop and protect the inner stucco volumes". Aesthetically, the vertical standing seam helps articulate the continuity from roof to exterior wall plane by their continuous lines.

