

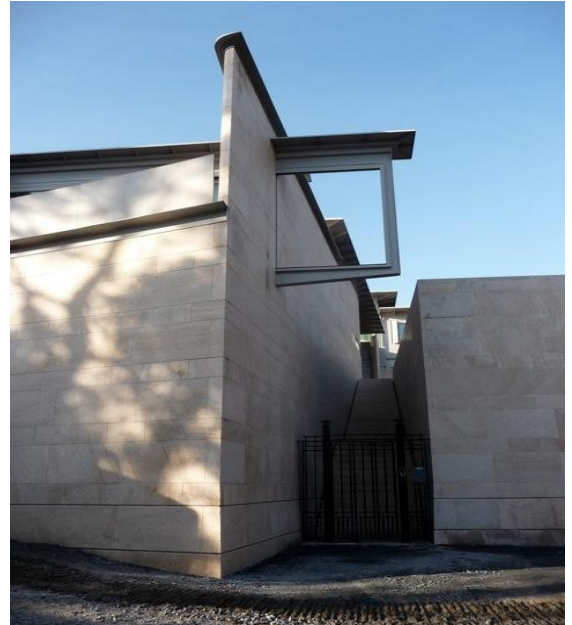
Steel-framed house – Dublin



(Coated in October 2007)



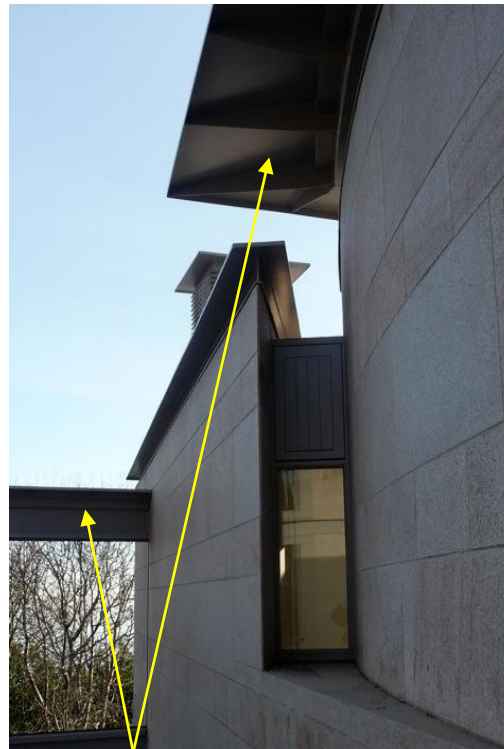
Front view of the house after completion showing the steel canopy



More zingonised steelwork around the house



A side view showing the amount of steel used



Zingonised steelwork at the rear of the house

This house was built in the suburb of Killiney in Dublin, and it overlooks the harbour. The canopies and top roof panelling are all coated with the Zinga system.

The contractors were advised to zingonise and paint all of the window frames before the glass was installed, as nothing could be done once the glass was in place.

The house has constant salt-air exposure from the sea.

This house cost just over €5 million to build, and the glass alone cost €2 million due to curved sections being manufactured. There is also interior steelwork that protrudes through to the outside, and supporting beams that are covered in timber. In this way all of the steelwork was coated with Zinga and no cathodic/anodic areas are present anywhere in the house.

Steel coating specification:

| | |
|--------------------|------------------------------------|
| Blast-clean: | SA2.5 @ Rz70µm with Ra12.5 -15.0µm |
| Galvanising layer: | Zinga: - 80µm DFT |
| Sealer coat: | Zingalufer - 80µm DFT (2 x 40 µm) |
| Finish coat: | Vinyl emulsion - 2 coats |



The steelwork above the curved glass in the living room



The steel edging-panels around the entire roof



One of the roof edging panels after zingonisation



A view showing the lateral H-beams that were hidden by brickwork



Another section-view of the large roof area



The massive steel canopy over the front door of the house

Note:

The roof is going to be ergonomic, with a grass lawn being planted across the entire area of the roof.