

IRONHOUSE

1. Structural point of view.

IRONHOUSE is a house made as a shelter and also an experimental construction that attempt to remove gap between structure and finish.

The shelter is made from pre-fabricated CORTEN steel sandwich panels and no finish on the surfaces of outside and inside of the shelter.

These panels are made by a shipbuilding company and on-site assembly by crane.

Surfaces are ground flat after welding.

Not shelter but also steel-frame of windows, stair cases ,sliding doors are made from CORTEN steel.

Why CORTEN steel?

It is the durability of the residence and leaves for posterity the building.

The life of a family fundamentally changes every ten years.

So that inside of the house is the universal space.

When a residence is considered from this viewpoint it is desirable to have a structure with a minimum durability of roughly over one hundred years.

This is a reason why this building designs as a shelter.

2. Architectural point of view.

This architecture enables the daily life outside by unifying interior and exterior because of “ outer room” with full of sun-shine, wind and green in the middle of the L-shape plan, and makes the life truly rich.

"The sense of nature", which is the basic rule of design, realizes this architecture following the sense that should be there.

That means thinking of the essence of how things exist and seeking for how materials create space relating each other.