

# SUMMARY OF PICS FEATURES + BENEFITS

## FEATURES

## BENEFITS

**Steel Structure:**  
Corten Steel (no rust), and no organic materials

- Super Durable; Lasts over 100 years
- Non Combustible
- Earthquake / Hurricane resistant
- Mould / Insect and rodent proof

**Modular System :**  
Standard Components

- Fast/Easy installation even over winter
- Flexible (expands and contracts)
- Can be relocated

**Highly insulated walls :**  
Energy star windows and doors  
Solid aluminum with thermal breaks

- Lower heating bills
- More ecological and efficient

**Quality and Reliability:**

- Can provide large projects simultaneously
- Ensure consistency & high capacity
- Independent of weather, unions, and labour constraints

**Low Cost / Convenient Financing Terms:**

- Easier to purchase, lower development barrier
- Less \$\$\$ for higher quality



**PLUGIN CONSTRUCTION SOLUTIONS**

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# ENVIRONMENTAL FEATURES

## Durability (Strength & Longevity)

- Built with COR-TEN steel with an expected lifespan of over 100 years,
- Non combustible, fire resistant material
- Inorganic exterior wall is immune to mould, mildew, insects, and rodents
- Resistant to natural disasters (earthquake, hurricane, tornado)

## Highly Energy Efficient:

- Extremely air tight construction with continuous welding (not possible on site)
- Double exterior walls - poly-urethane, high density sandwich panel plus 4" stud wall with "roxul" – R30
- White reflective roof – R40
- Large windows, for natural light, with triple glazed thermal panes
- LED lighting
- Low-flow faucets and toilets

## Indoor Quality:

- Very high sound reduction coefficient due to double insulated floor construction
- Excellent air quality due to air exchanger throughout
- Virtually no VOC's due to natural products, and "bake out" time.
- Inert insulation materials
- Rapidly renewable bamboo flooring

## Minimum construction waste

- Industrialised factory process means all materials are optimised and protected
- Overflow materials are used for future projects
- Less land fill and transport costs



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## Carbon footprint:

- By moving manufacturing into one centralized location, we reduce construction time (and all the daily transportation associated with workers travelling back and forth to the site)
- Our system packages all materials together and then there is only one shipment for all components.

## Less Construction Pollution:

- By reducing the on site construction time of a new building by 75%, we have substantially reduced the pollution, noise and disturbance of our buildings.

## Improved Security:

- By moving the majority of the construction process indoors into a controlled environment on one level we have significantly lowered the risk of on site injuries.



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