

GREENLIGHT SOLUTIONS

PROS AND CONS

Of Shipping Containers, Cardboard, and Stucco in Sustainable Architecture

SHIPPING CONTAINERS

20 FT LONG
REPURPOSED

PROS

- Mobility
- Expandability
- Easy to source pre-existing units
- Fast construction
- Pre-existing quality certifications
- Durability
- Experts to consult with

CONS

- Potential lack of mobility after major alterations
- Risk of rusting

PROS

- Cost effectiveness
- Diversity in forms, uses, and sourcing
- Recyclable and compostable
- Lightweight
- Good insulator

CONS

- New technique
- "Temporary" life expectancy
- Mainly used as interior wall material
- Needs further city approval

CARDBOARD

HONEYCOMB
TUBES
BLOCKS

STUCCO

SPRAY ON
PAINT ON

PROS

- Insulation
- Building protection
- Fire resistant
- Reduces operational energy costs
- Cost-effectiveness
- Seals against rain and snow
- Longer life expectancy
- Low maintenance

CONS

- Breaks off or cracks with drastic temperature changes

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