

# Sustainably Crafted

## The Benefits of Limestone-Based Stucco Products

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# Reducing Carbon Emissions in Construction

Cement produces 8% of global CO<sub>2</sub> emissions

# Limestone Plaster: An Alternative to Cement-based Stucco

- Created by combining finely ground limestone rock that has been heat treated, with limestone sand and water
- Used around the world for thousands of years and remain popular to this day
- Historic structures in ancient Egypt and Rome, as well as modern buildings





# Limestone Plaster is an All-Natural GREEN Building Material



Uses natural materials and brings the stone back to life with just adding water

# Benefits of Limestone Plaster

- **Durability:** Resistant to cracking, weathering and it can retain its appearance for many years with minimal maintenance
- **Aesthetics:** Limestone has a natural patina and can be finished in a variety of colors and textures to suit different architectural styles
- **Breathability:** Limestone Plasters are breathable material that allow moisture to escape from the building; this can help prevent issues with mold and mildew
- **Sustainability:** Limestone is a natural and sustainable building material that consumes CO2 during the curing process; Lifecycle Analysis and EPD show up to 90% reduction in carbon emissions compared to cement-based stucco



# Real-World Benefits

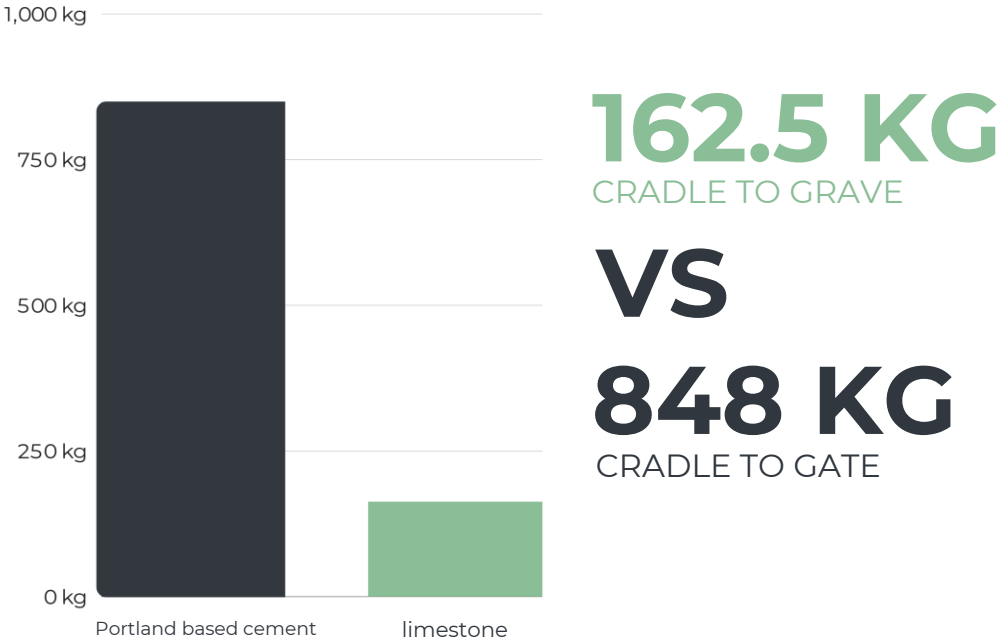
## Carbon Emissions from Manufacturing



Cement-based stucco:  
**15 Million Tons** by 2028

Converting to limestone  
plaster can reduce  
emissions by **90%**

## Breakdown



# Case Studies



**Spencer Theatre for the Performing Arts**  
**Ruidoso, NM**

Retrofit to reinforce structure and improve building energy efficiency and replace exterior cladding with limestone plaster.



**Dutch Bros Coffee**  
**Texas**

One of the fastest QSR concepts in North America with emphasis on reducing environmental impact; positioned limestone plaster thru sustainability initiatives.



**Entrada Tower**  
**Westlake, TX**

Entrada shopping center with iconic 100-foot tower leveraged lightweight carved limestone plaster for stone finishes above 30-feet to meet structural requirements.





# The Opportunity in Front of Us

Make responsible decisions  
and choose sustainable  
building materials.



# THANK YOU



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