

# FIRE SAFETY DOESN'T HAVE TO COME AT A PRICE FOR L.A. COMMUNITIES.

Two analyses show costs of using non-combustible building materials either on par or less than wood.

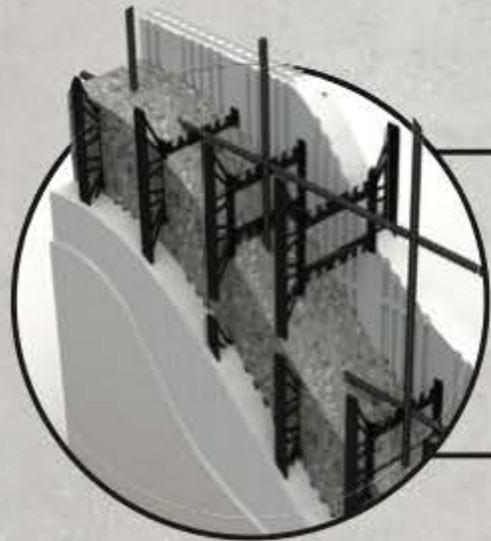
Using non-combustible materials has been proven to save lives. But too many communities have been relying on wood construction because they believe it saves money for multi-family buildings. Analyses using *Dodge Data & Analytics (DDA)* and *RS Means* demonstrate the affordability of non-combustible construction in L.A. is virtually the same as building with wood. The results mean local construction and developers thrive, while residents and businesses stay protected.

## Analysis #1: HISTORICAL COSTS

A comprehensive analysis using *DDA* data for 1-7 story buildings built in Los Angeles from 2013-2016 (representing 630 projects). The takeaway? Non-combustible buildings (concrete and masonry) cost 9.2% less to build than combustible (wood) buildings.\*

Buildings built with  
non-combustible construction

Buildings built with  
wood construction



COST  
DIFFERENCE OF  
**↓ 9.2%**



Comprehensive concrete costs:  
**\$130.51/sf**

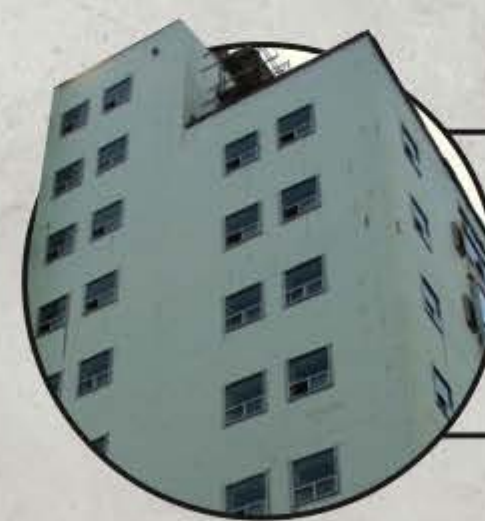
Comprehensive wood costs:  
**\$143.72/sf**

## Analysis #2: ESTIMATED COSTS

A comprehensive cost estimate using *RS Means* for a typical four-story, 100,000 square-foot apartment building located in Los Angeles. The building consists of 92 apartments, 60 one-bedroom apartments, and 32 two-bedroom apartments. The analysis indicated that the costs for non-combustible construction (concrete) is nearly identical to combustible (wood) construction.\*\*

Apartment built with  
non-combustible construction

Apartment built with  
wood construction



COST  
DIFFERENCE OF  
**↑ 0.06%**



Comprehensive concrete costs:  
**\$16,605,884**

Comprehensive wood costs:  
**\$16,595,520**

\*With over half a million real projects tracked annually, *DDA* is the most comprehensive and economic model ensuring insight and forecasting confidence.

\*\**RS Means* is the world's leading provider of construction cost data software and services to help owners, architects, engineers, and contractors precisely estimate the cost of new building construction.

We can afford to put the safety of L.A. residents first. Pass a citywide ordinance to build non-combustible construction. Learn more by visiting [BuildwithStrength.com](http://BuildwithStrength.com).

**BUILD WITH STRENGTH**  
A COALITION OF THE NATIONAL READY MIXED CONCRETE ASSOCIATION