Allegheny Contract

Case Study: The Point, Boston MA

Comparison of LATICRETE SUPERCAP System vs. Barrel Mix & Pour

Project Scope:

- The Point - Residential Tower, Boston, MA
- Overall Project – 375,000 SF
- 34 Floors @ Approx. 11,000 SF per floor
- Existing 5/8” to 1” deflection to be corrected to 1/8” in 10’ flatness for wood floors

The Problem:

- Concrete deflection of 1” (avg.) in the lower floors of a newly constructed building
- Need to deliver a flat floor to ¼” in 10’ requirement for LVT floors
- Need to keep the project on schedule

Goals:

- Fix the deflection and provide a perfectly flat floor
- Provide a fast and cost effective solution
- Jobsite safety and proper worker health conditions were mandated

The Challenge:

Allegheny Contract Flooring recommended to test a side-by-side comparison using two different self-leveling underlayment installation methods

The General Contractor selected 2 specific, identical 11,000 SF floor plates:

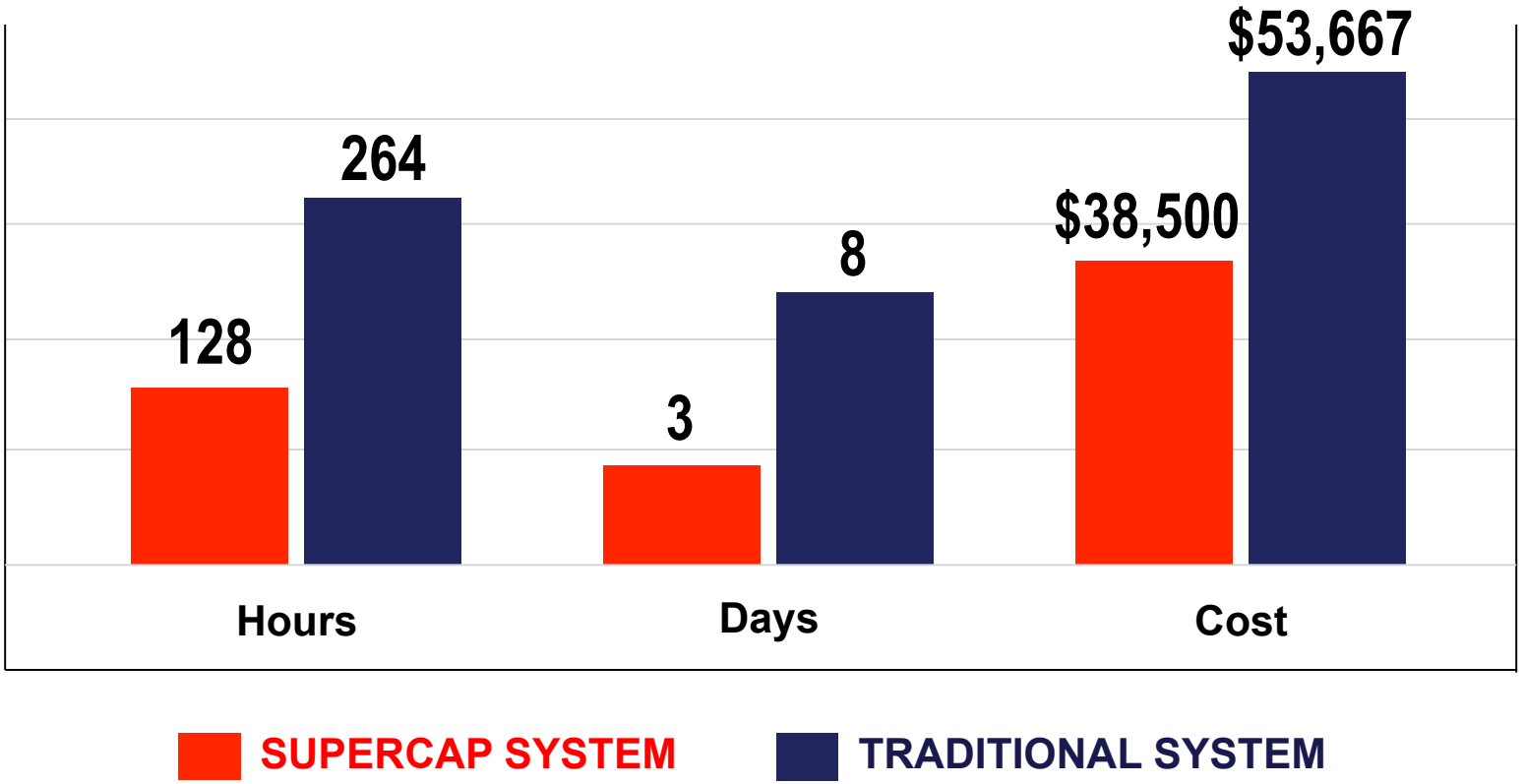
- *Floor 4:* Installed with 50lb bags of premium self-leveling underlayment loaded into the building on pallets and delivered through a traditional barrel mixing system.
- *Floor 5:* Installed with the LATICRETE SUPERCAP System, using 2,300lb supersacks of premium material mixed outside the building in a mobile blending unit and pumped through a hose into the building.

Source: Allegheny Contract Flooring - 04/2017

LATICRETE SUPERCAP

Time & Materials Comparison

SUPERCAP completed the floor in 50% less time and at 30% lower cost.



Source: Allegheny Contract Flooring - 04/2017

LATICRETE SUPERCAP

Results

SUPERCAP saves time, money & hassle.

	Traditional Barrel Pour	**SUPERCAP Mobile Blending Unit**
Quantity (Materials)	652 x 50lb. Bags	**22 Supersacks**
Loading Materials in Building	16 Hours	**0 Hours**
Need Freight Elevator Time	Yes	**No**
Removal of Bag Waste from Building	Yes	**No**
2017 OSHA Respirable Silica Dust Compliant	N/A	**Yes**
Total Hours	264	**128**
Total Days	8	**3**
Total Cost Per Floor	$53,667	**$38,500**

Source: Allegheny Contract Flooring - 04/2017

LATICRETE SUPERCAP