



CASE STUDY

University of Chicago

Location: Chicago, IL | Founded 1890



LUDOWICI

Trusted. Timeless. Terra Cotta.

Durability for the long haul

Chicago is more than windy. It’s a city with freeze-thaw weather cycles so harsh, it can weaken or destroy most roofs within a decade or two. Barry O’Quinn, senior manager in charge of building envelope projects at University of Chicago, had the foresight to know Ludowici roof tiles could restore campus aesthetics while saving the University millions.

A dollars-and-cents presentation to University leadership made it clear: An investment in campus-wide re-roofing with Ludowici tile could eliminate the expensive maintenance costs that plagued each one-off roof repair made with cheaper materials. As Barry pointed out, the original Ludowici campus roofs had been durable enough to withstand nearly 100 years of snow, ice, moisture and wind. New Ludowici tile would do the same.

With a master plan in place, the University of Chicago roofing project could be streamlined. A single tile profile and color — Classic 14 in Clay Red — was spec’d across campus to match its English Gothic architecture. Tile ordered in mass quantity was a better value, and any attic stock could be rolled into subsequent roofs. Contractors, locked in for the long-term, provided a dependable, skilled workforce that became more efficient over time. Plus, an investment in a full-time installation inspector more than paid for itself. The inspector’s oversight ensured elements like flashing, underlayment and gutters were installed precisely to spec, so each Ludowici roof at University of Chicago can last 100+ years.

MULTIPLE PROJECTS:

- ◆ Belfield Hall
- ◆ Blaine Hall
- ◆ Burton-Judwon Courts
- ◆ Erman Biological Center
- ◆ Reynolds Club
- ◆ Culver Hall
- ◆ Ida Noyes Hall
- ◆ International House
- ◆ Kent Hall
- ◆ Jones Hall
- ◆ Judd Hall
- ◆ Edward H. Levi Hall
- ◆ Cobb Hall
- ◆ Blake Hall
- ◆ Gates Hall

- ◆ Goodspeed Hall
- ◆ Classics
- ◆ Wieboldt Hall
- ◆ Haskell Hall
- ◆ Rosenwald Hall
- ◆ Oriental Institute
- ◆ Mandel Hall
- ◆ Zoology
- ◆ Eckhart Hall

ROOFING PRODUCTS:

- ◆ Classic 14”

COLOR:
Clay Red

CLIENT TYPE:
Educational

**LUDOWICI
REPRESENTATIVE:**
John Dasher, A&D Products
424 Fort Hill Dr #124
Naperville, IL 60540
(630) 668-1551

CUSTOMER:
University of Chicago

**ORIGINAL
ARCHITECT(S):**
Frank Lloyd Wright
Henry Ives Cobb
Eero Saarinen
Ludwig Mies van der Rohe
Walter Netsch
Ricardo Legorreta
Rafael Viñoly
César Pelli
Helmut Jahn
Tod Williams
Billie Tsien Architects
Holabird, Root and Burgee

BUILDING ENVELOPE CONSULTANT:

*Don Kilpatrick Associate,
Inspec Inc.*
126 North Jefferson, Suite 120
Milwaukee, WI
(414) 397-9650

ROOFING CONTRACTORS:
Knickerbocker Roofing and Paving
16851 S. Lathrop Avenue
Harvey, IL 60426
(708) 339-7260

*Jones & Cleary Roofing
and Sheet Metal*
6838 S. South Chicago Avenue
Chicago, IL 60637
(773) 288-6464

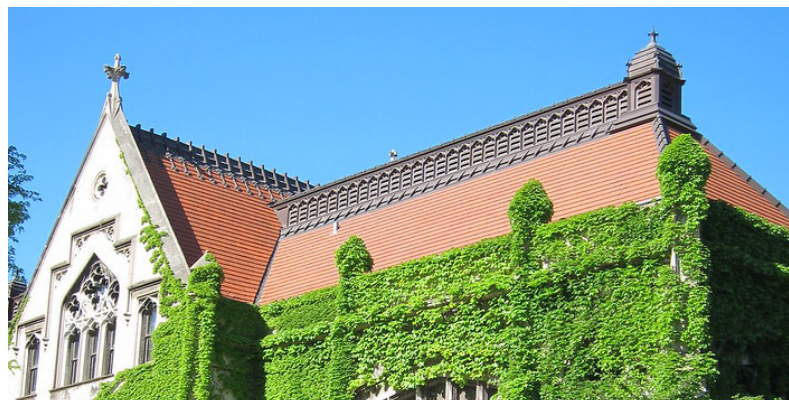
PROJECT TYPE



Re-roof



Renovation



Why Ludowici?



Proven Durability

Terra cotta, used as natural roofing for centuries, truly stands the test of time. Each Ludowici roof is backed by a 75-year material and color-fast warranty.



Dependable Quality

As a 134-year-old company, we manufacture each tile to exceed ASTM 1167 Grade 1 standards.



Infinite Selection

Choose from historic or contemporary profiles. Ludowici can also make custom profiles or match any tile, for seamless lift and relay or new construction.



Color Consistency

Dedicated to the art and science behind color and color blends, Ludowici engineers work to uphold the aesthetics that make your campus feel like home.



Maximized Life-cycle

Terra cotta can last 100+ years. It's an investment that helps avoid the inconvenience, cost, and disruption of re-roofing.



All-Natural Material

Tiles are made with raw material pulled directly from the earth, to be shaped, molded, air-dried and fired with clean natural gas.



Design Options

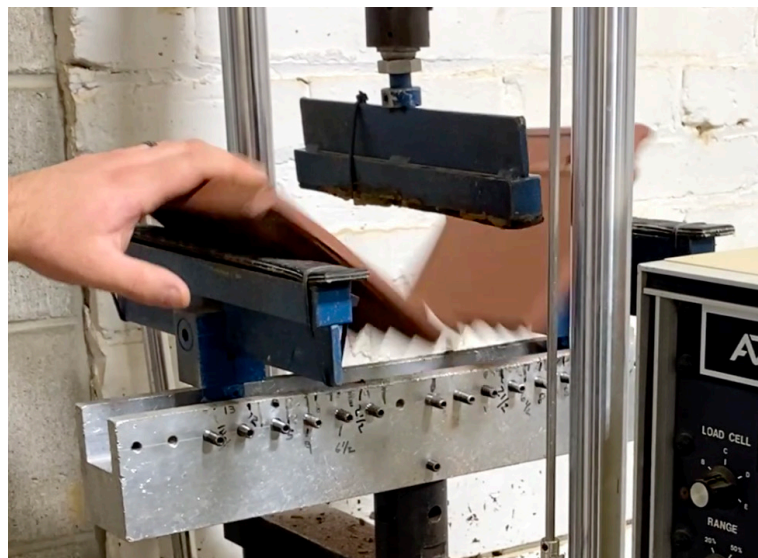
Find endless possibilities with 50+ colors and a team ready to custom-match everything in between.

“ I’VE USED LUDOWICI FOR 30 YEARS. IT COMES OUT OF THE GROUND, LASTS 100 YEARS, THEN GOES BACK INTO THE GROUND. IT’S A GREAT PRODUCT WITH NO WASTE.

– **Barry O’Quinn**, *Senior Manager of Building Envelope and Trade Shops, University of Chicago*

“ OUR TEAM TAKES PRIDE IN DELIVERING COLOR-FAST PRODUCTS THAT PERFORM EXCEEDINGLY WELL IN ALL CLIMATES. THE WATER ABSORPTION RATE OF LESS THAN 2% MAKES ALL THE DIFFERENCE.

– **Rob Wehr**, *President and CEO, Ludowici*



Ludowici regularly completes ASTM C 1167 – Quality Assurance breaking-strength tests on clay tiles manufactured for projects like University of Chicago’s Classic 14” Interlocking profile.




LUDOWICI®

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