



ONE WORLD TRADE CENTER

NEW YORK, NY

Owens Corning delivers high-performance insulation solutions through a full line of fiberglass, foam, and mineral wool products and systems. These products and system solutions help conserve energy, improve acoustics, and ease installation and use. These qualities add up to preferred insulation products for residential and commercial construction and industrial applications.

An innovative, high-performance Thermafiber® Impasse® perimeter fire containment assembly was installed using Thermafiber® FireSpan®, Thermafiber® Impasse® Hangers, and Thermafiber® Safing to achieve outstanding floor-to-floor fire separation in compliance with building code fire requirements and SAFETY Act designation from the U.S. Department of Homeland Security.

With a minimum of 20% recycled content, the installed FOAMULAR® products contributed to valuable LEED® credits. With a minimum of 70% recycled content, the installed Thermafiber® products also contributed to valuable LEED® credits, helping the building earn a LEED® CS Gold certification.^{1,2}

Products Used

- **Thermafiber® FireSpan® 90** Curtain Wall Insulation
- **Thermafiber® Safing** Fire Containment Insulation
- **Thermafiber® Impasse®** Patented Hanger System
- **Advantex®** Corrosion-Resistant Glass Fiber Reinforcements
- **FOAMULAR® 1000** Insulation
- **EcoTouch®** Sound Attenuation Batts
- **Thermafiber Insolutions®** Reviewed Drawings, Provided Engineering Judgments, Developed Custom Impasse® Hangers

Design & Construction

- **Architect:** David M. Childs and Daniel Libeskind
- **Architectural Firm:** Skidmore, Owings & Merrill
- **Owner & Developer:** The Port Authority of New York and New Jersey
- **Structural Engineer:** WSP Cantor Seinuk
- **Main Contractor:** Tishman Construction
- **Completion:** 2013

Technical Details

- **Floor Count:** 104 floors, 5 basement
- **Floor Area:** 3 million ft²

1. Recycled content certified by ICC-ES.

2. "One World Trade Center" Port Authority of New York and New Jersey.
<<http://www.panynj.gov/wtcprogress/index.html>>

For more information on the Owens Corning family of commercial insulation products, contact your Owens Corning dealer, call **1-800-GET-PINK®**, or visit **www.owenscorning.com**.