

# Case Study

## Translucent Daylight – Pinnacle 350 Polygon Pyramid and Continuous Vaults

Wasco Part of

**VELUX** Commercial



### The Peoples Bank – Eatonton, GA

#### CHALLENGE:

Replace the more than twenty-five-year-old, single glazed acrylic skylights in an Eatonton, Georgia bank. The existing skylights included a 21' acrylic dome skylight positioned over the teller area and two large barrel vault units installed over the customer service desks. All of the units were leaking and were the source of uncontrolled glare and heat, which made both employees and customers uncomfortable and unproductive.

#### SOLUTION:

NorthRidge Roofing contracted Joe Burton Company to furnish and install the skylights. According to Wasco sales representative Lewis Burton of JBC, the clear winner for both energy efficiency and improved occupant comfort were Wasco Skylights.

To replace the dome, NorthRidge Roofing repaired the curb during re-roofing, and Wasco certified installer Mill Contracting installed a Pinnacle 350 twenty-sided polygon pyramid with energy-efficient 25mm Opal IR polycarbonate glazing.



A more than twenty-five-year-old hail damaged acrylic skylight was the source of extreme glare, heat gain and leaking.

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The two vaulted skylights were replaced with 5' x 25' thermalized barrel vault systems with clear acrylic over Lumira® aerogel filled 16mm clear multiwall polycarbonate laylites.

The polycarbonate glazing on all skylights provides UV protection and beautifully diffused full spectrum daylight while minimizing heat gain.



Energy efficient polycarbonate glazed Pinnacle 350 twenty-sided polygon pyramid adds glare-free light while adding to occupant health and comfort.



Continuous vaults with Lumira aerogel filled multiwall polycarbonate panel laylites offer superior insulating capabilities while providing UV protection and beautifully diffused full spectrum daylight inside the building.