

Essential Daylighting Considerations for Early Design



1. Project and People

Kalwall translucent high performance systems offer many budget-friendly, elegant daylighting solutions. From single story applications to mid-rise construction, Kalwall Translucent Systems transform sunlight into glare-free daylight to enhance any space.

2. Daylight Intent by Space

For each key area, ask:

- What happens here
- When does daylight matter most
- Should daylight support the space or define it

Goals may include even light, glare control, privacy, task support, or architectural impact.

3. Performance First

Identify known requirements early:

- Environmental loads
- Energy or sustainability targets
- Fire and life safety
- Impact or high-abuse conditions
- Specialty needs such as blast or venting

These inputs drive the right solution.

4. Openings Not Products

Early on, focus on:

- Where daylight enters such as walls, roofs, or both
- Canopies or transition areas
- Approximate opening sizes
- Orientation and depth of space

Rough dimensions or sketches are enough to begin.

5. Validate with Modeling

Daylight modeling helps:

- Confirm light levels and balance
- Refine opening size and placement
- Align light transmission with thermal performance
- Support LEED or WELL v2 goals

6. Let Performance Shape Appearance

All Kalwall systems deliver soft, diffused daylight. Finishes and facesheets are selected after performance needs are defined.

7. Lock It In with Specification

A clear spec helps:

- Preserve daylight quality
- Maintain performance and durability
- Reduce substitution risk

A Strong Starting Point

You don't need all the answers, just the right questions. Clarity early leads to better daylighting outcomes later. Kalwall can support specs, details, and BIM content.

Explore Kalwall Resources

Looking for deeper technical guidance or design inspiration? Kalwall brings together tools and content to support your project at every stage.

What you'll find:

- Daylighting tools and technical articles
- Case studies and project examples
- System details, specs, BIM, and CAD content
- On-demand learning and CE opportunities

Visit the Kalwall Resource Hub to continue exploring daylighting done right.

Explore Daylighting By Design