

Light Beauty Material Context



Duratherm



Enable architects' designs, don't compromise them.

The eyes may be the metaphorical window to the soul. Real windows often have more paradoxical characteristics than this simple adage of transparency implies. Windows are meant to disappear, yet they shape our vision of the world as frames for views or panels of light. Windows can open a wall or room to embrace the outside, dissolving the wall's material nature, yet they also define space and have a material presence of their own. On a façade, windows and doors express the architect's intent through a fixed composition of elements, yet the act of opening and closing them allows occupants to subtly animate a building's image and adapt it to suit their needs.

By establishing connection between interior and exterior, windows and doors become integral components of both spaces and the surrounding architecture. Scale – is the window in the wall or is the window the wall? Placement—reinforce design patterns or break them? Material—complementary or contrasting?

These and many other considerations are critical to the successful implementation of an architect's design. Collaboration during development of the design, preparation of details that support the architect's intent, and manufacture to spec with the precision and quality envisioned by the architect—these are Duratherm's contributions to an architect's success.

Louis Kahn experienced just such success with the Phillips Exeter Academy Library, working with our founder Philip Cole. The enabling experience prompted Kahn to suggest that Cole begin a custom monumental wood window business. Duratherm was born. This collaborative, enabling spirit remains the foundation of Duratherm's success. We have had the pleasure of working with the preeminent architects of contemporary design as well as those at the beginning of their journey. Enabling their designs and yours is our business.

A craftsman never wants to cover his work. In a good drawer the dovetailing is not hidden, the joint is the beginning of ornament.... I could not disguise a joint, nor could I disguise the material itself.

In true modern
architecture...the
sense of surface and
mass disappears in
light, or fabrications
that combine it with
strength.

THOMAS PHIFER PRIVATE RESIDENCE, NY



LEPAIR MOREY PRIVATE RESIDENCE, CA



FRANÇOIS DE MENIL ARCHITECT BYZANTINE FRESCO CHAPEL, TX



When I am working on a problem I never think about **beauty**. I only think about how to solve the problem. But when I have finished, if the solution is not beautiful, I know it is wrong.



ANDREW BERMAN PRIVATE RESIDENCE, ME



ZIGER SNEAD PRIVATE RESIDENCE, MD



ENNEAD PENN STATE SCHOOL OF LAW



STELLE LOMONT ROUHANI ARCHITECTS PRIVATE RESIDENCE, NY

We must remember that
everything depends on
how we use a **material**,
not on the material itself....
New materials are not
necessarily superior.
Each material is only what
we make it.

GRIMSHAW DUKE UNIVERSITY, NC



DURATHERM WINDOW CORPORATION MATERIAL



STUDIO PCH NOBU RESTAURANT , CA



HUFFT ARCHITECTS PRIVATE RESIDENCE, MO

Always design a thing by considering it in its next larger context—a chair in a room, a room in a house, a house in an environment, an environment in a city plan.



MATTHEW BAIRD ARCHITECTS PRIVATE RESIDENCE, NY



TOD WILLIAMS BILLIE TSIEN BARNES FOUNDATION

KIERAN TIMBERLAKE WELLESLEY COLLEGE, MA



OFFICE OF ARCHITECTURE WATERMILL RESIDENCE

DURABILITY

Wood windows historically last the life of the building. Even many century-old buildings retain original wood windows.

FIRST COSTS

Installed, a Duratherm wood system typically costs more than commercial grade aluminum. But our factory-glazed installed window wall often costs less than aluminum.

ENERGY PERFORMANCE

Duratherm window and door systems are designed to achieve high energy efficiency in the harshest climates.

- Wood, unlike metal, produces no condensation, making it ideally suited for high- or balanced-humidity environments.
- Its thermal properties complement energy-conserving glazing innovations.
- Duratherm is National Fenestration Rating Council (NFRC) certified.
- Duratherm is an Energy Star Partner.
- Our products meet Window & Door Manufacturers Association (WDMA) standards.

MAINTENANCE

Woods like teak, mahogany, redwood and sinker cypress, when properly treated, are nearly maintenance free.

LIFE CYCLE COSTS

Duratherm wood window systems result in lower life cycle costs with respect to energy loss, maintenance and replacement over the life of a building.

SUSTAINABLE DESIGN

Wood is sustainable and renewable. It needs less energy to produce than any other building product.

- Forest Stewardship Council (FSC) certified wood species are available.
- Our designs help to achieve Leadership in Energy and Environmental Design (LEED) Green Building C certification goals with the use of certified woods and high performance glazing.

HURRICANE CERTIFICATION

Our window and door units have been tested to meet performance requirements for Wind Zone 3. Please contact us for specific unit type, size, and detail information.

AESTHETICS

Wood's aesthetic character and depth draws us in. It compels us to look, touch, and feel. Its rich natural color, grain and texture bring beauty and warmth to designs. Architects liken a Duratherm window to finished carpentry.

Please visit our website to view a large, representative project portfolio and complete product information including details, hardware, wood species, and performance data.

Contact us for a copy of our full product binder—or download a copy in pdf format from our website.

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