



ACOUSTIC & VISUAL PRIVACY | Channel Glass for Interiors

BENDHEIM

LIGHT + PRIVACY

Bendheim's Lamberts® channel glass creates privacy interior walls of tremendous sizes and proportions. It obscures views, while transmitting high-quality diffused light. The self-supporting 3D glass channels require minimal framing, creating a uniform appearance with clean design lines.

- ◆ Effortlessly form serpentine curves and glass-to-glass corners
- ◆ Create virtually seamless glass walls that can be hundreds of feet long and can span across elevations
- ◆ Glass stands up to 23 ft. (7 m) tall in a relatively lightweight 1/4" (6 – 7 mm) thickness
- ◆ Excellent acoustic performance – reaches STC 43 – better than 4.5" (114 mm) opaque batt-insulated stud wall
- ◆ All the benefits of daylighting with added sense of privacy in a range of light-diffusing, anti-glare textures
- ◆ Available in regular glass with 30-40% post-consumer recycled content or ultra-brilliant low-iron glass with 15-25% post-consumer recycled content (seen here & on back cover)
- ◆ Low carbon footprint: produced using an oxygen-fueled glass melting furnace, 100% renewable electricity, and up to 40% post-consumer recycled content (EPD available at [bendheim.com/channel-glass](https://www.bendheim.com/channel-glass))



INTERIOR CHANNEL GLASS APPLICATIONS



Partition Walls

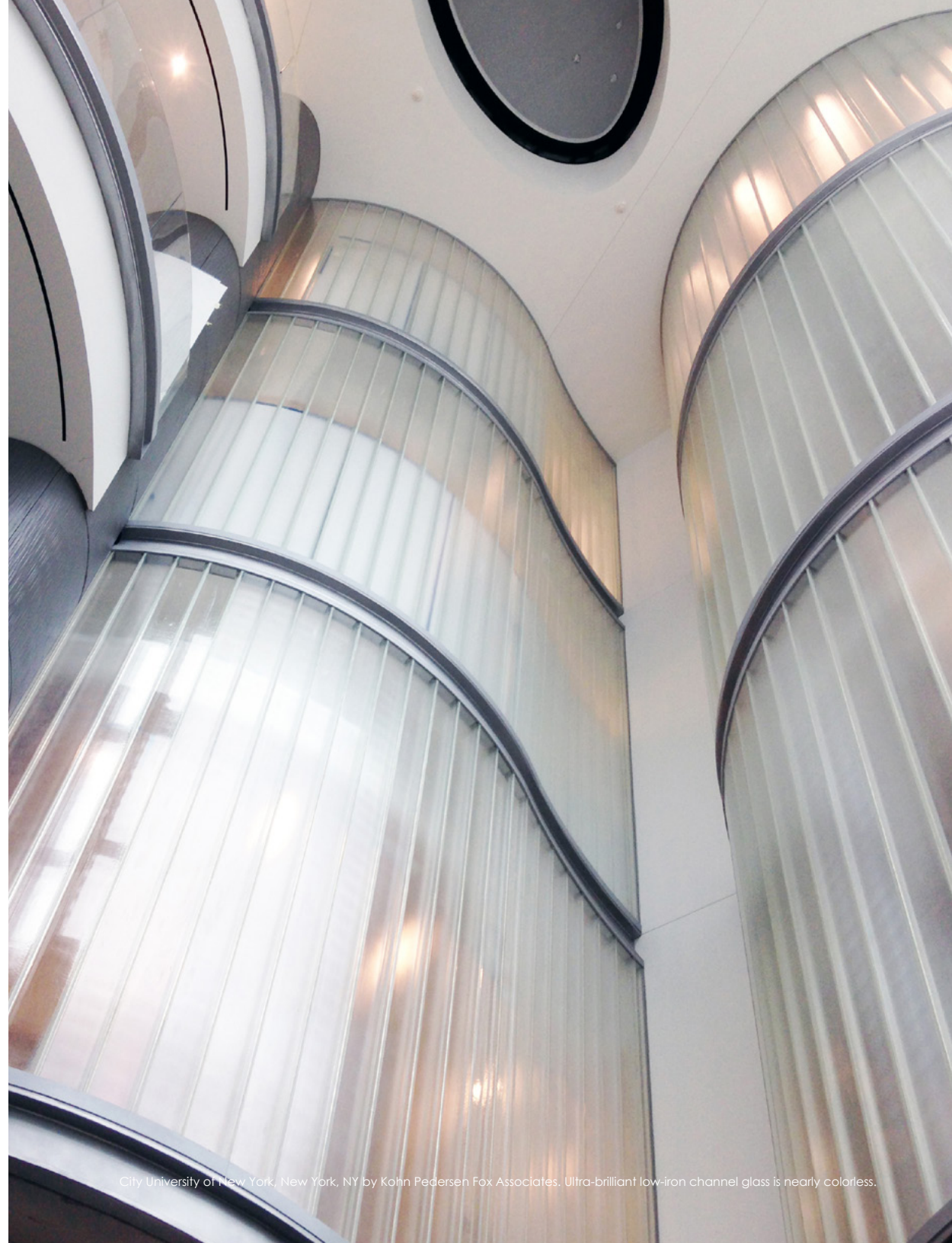


Decorative /
Privacy Screens



(Back-Lit) Wall
Cladding

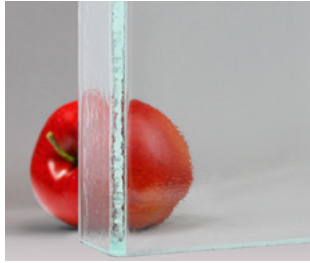
AutoCAD & Revit drawings available on our website
or by e-mail: channelglass@bendheim.com.



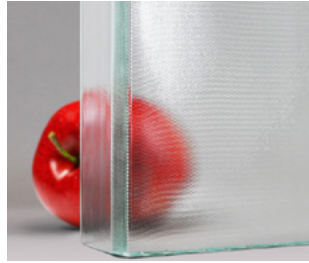
GLASS OPTIONS (REGULAR / LOW-IRON)



504 Rough Cast™



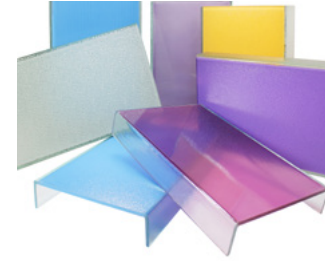
Clarissimo™



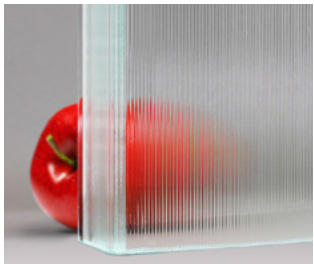
Solar™



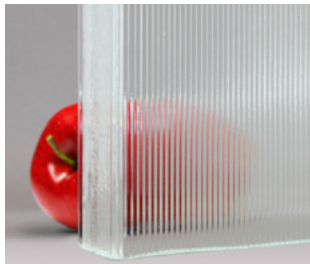
Moire™



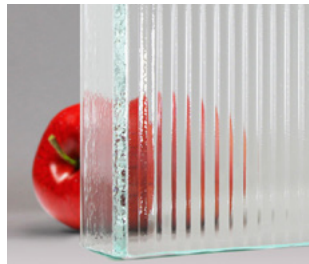
Translucent & Opaque Colors
(full or partial coverage)



Houdini™



Piccolo®



Primasolar™

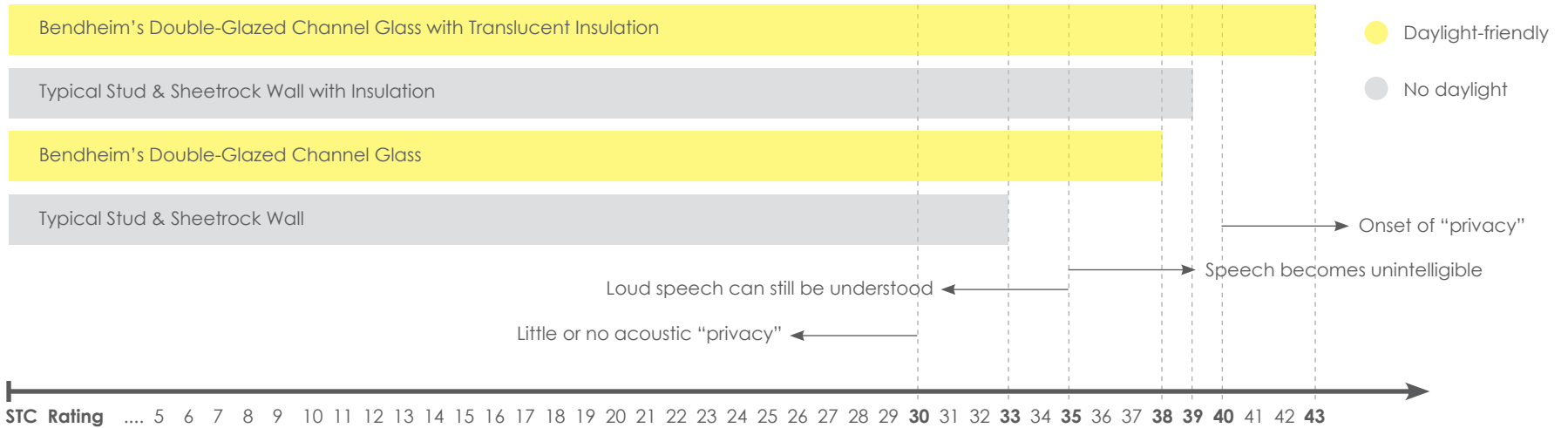


Ice™



Insulation Inserts (translucent
white aesthetic, better STC)

ACOUSTIC PERFORMANCE



DESIGNING WITH CHANNEL GLASS

Our light-diffusing Lamberts® channel glass promotes the entry of a large amount of controlled daylight. It is ideal for interior applications requiring high levels of light transmission, combined with visual and acoustic privacy. Key design features and benefits include:



High-quality, diffused, anti-glare daylight; VLT from 90% for low-iron single-glazed to 40% for non-low-iron double-glazed insulated walls

VLT \leq 90%



Budget-smart serpentine glass curves & glass-to-glass corners

Curve radius \geq 7 ft.



Acoustic privacy

STC \leq 43



Lightweight

Weight \leq 4 lbs/ft²



Large continuous glass spans (across elevations, up to 23 ft. full channel length, hundreds of channels long)

Cont. length \leq 23 ft.



Ease of installation, even on tight construction sites

1-3 installers



Back cover: Museum of the Bible, Washington, DC © Alex Fradkin | Front cover: Mozilla Corporation, Mountain View, CA, photo courtesy BNB Builders | © 2020 Bendheim

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