LAMBERTS

est. 1887

Schools and Universities

Glasfabrik LAMBERTS

www.lamberts.info

Best Selected

The oldest, most modern and environmentally friendly cast glass factory in the world

LAMBERTS glass factory is one of the two largest cast glass factories in Europe and has one of the most modern plant and machine parks anywhere. LAMBERTS is the only glass factory in Europe to manufacture U profile glass in all stages of production. U-profiled glass, also called U-glass or channel glass, is used for elaborate, design-driven architectural projects all over the world due to its quality, refinement possibilities, clear forms and technical variety.

Furthermore, we are the only cast glass company in the world to manufacture all types of existing cast glass:

- LAMBERTS LINIT®EcoGlass (U-Glass), a special and "U"-shaped rolled glass
- LAMBERTS Ornament Glass (also available as a special patterned glass for facades)
- Antimony-free Solar Glass LAMBERTS EcoSolar
- LAMBERTS Wired Glass and Wired Ornament Glass

As the first and only cast glass company in the world, LAMBERTS manufactures all glasses according to a unique EcoGlass concept (see Ecology). LAMBERTS is one of the leading factories for architectural glass in highest quality while producing with lowest CO2 emissions -

The projects on the following pages were all built using LAMBERTS LINIT©EcoGlass. In addition to its resource-saving production, this glass offers many other advantages:

- Environmental Product Declaration (EPD) available for each glass
- Balanced light distribution without shadows
- Very good thermal transmittance in combination with translucent thermal insulation
- Certified as "Bird friendly" bird protection glass by the American Bird Conservancy
- Available in any fixed size up to seven meters
- Statically very high strength - rungs can be dispensed with
- Sustainable, environmentally friendly production, 100 % recyclable
- 100 % Made in Germany

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Content

Why Lamberts?

The world's oldest cast glass and rolled glass factory, founded in 1887, in Wunsiedel/Bavaria

Highly qualified employees, state-of-the-art plant and machinery

Top quality
100% Made in Germany

The only architectural glass factory in the world with a CO2 footprint over the entire life cycle (in accordance with the current EPD) and complete proof of origin for all individual products

By far lowest CO2 emissions worldwide

Eco-Glass concept since 1996!

World's leading Lowest Carbon glasses

All glasses with ornamentation are also bird-friendly glass (American Bird Conservancy: Bird-friendly!)

The only cast glass factory in the world that produces all existing types of cast glass

Most diverse product range

Maximum flexibility also for special productions and new products

Certification according to DIN ISO 9001 (quality), 14001 (environment) and 50001 (energy) in the current version

Direct contact persons, no hotlines/AI chats

Medium-sized family business in its fourth generation

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Why Lamberts' LINIT-profiled glass?

Economic efficiency:

U-glass or profile glass is self-supporting and has outstanding static properties due to its U-shape (max. installation lengths of up to 7 m!).

Compared to conventional flat glass façades, the proportion of substructure is significantly lower. For this reason, profiled glass façades are generally cost-effective compared to other standard glass façades when considering the total façade costs and are also very durable

Design:

Due to its quality, clear shapes and technical diversity, profiled glass, also known as U-glass, is used worldwide for glass façades in the highest quality architectural projects as well as in modern functional buildings (sports halls, production halls, warehouses, commercial buildings, universities, schools, etc.). Numerous architectural awards speak for themselves.

Sustainability:

Lowest CO2 emissions worldwide!
Lowest Carbon EcoGlass (see left).

Even better values are possible in shorter EcoGlass+ special productions.

Excellent thermal insulation values:

Structures up to 0.6 W/m²K with excellent solar control values and outstanding illumination at the same time

Lamberts' LINIT-U glass as safety glass:

LINIT profiled glass as thermally toughened glass (with/without heat-soak test) with color enameling or sandblasting if required, and also laminated.

All glasses are 100% manufactured in Wunsiedel! All glass from one source, from one factory! The only profile glass manufacturer in Europe that also produces the basic glass in Europe. (Competitors usually source their base glass from China or other countries outside the EU and process it in Europe).

Wide network of experienced assembly companies

Active support with tender texts from our team

SAINSBURY WELLCOME CENTRE

London, England

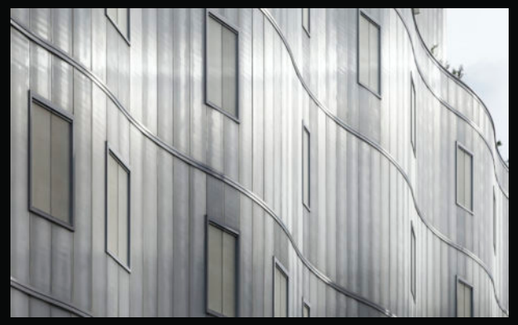
Awards

- LEAF Awards: Overall Winner (2016)
- LEAF Awards: Best Façade Design and Engineering: Winner (2016)
- BCI Awards: Major Building Project of the Year (over £50m): Winner (2016)
- RICS Awards (London): Project of the Year: Winner (2017)
- RICS Awards (London): Design Through Innovation: Winner (2017)
- German Design Award: Excellent Communications Design - Architecture: Winner (2018)
- Premio Internazionale Ischia di Architettura Innovation Prize (2020)

Photo: SWC Publicity Images

Architect:
Ian Ritchie Architects,
London - England

LAMBERTS products:
LINIT®EcoGlass P 40/60/7, low iron, solar, TCH (toughened, color ceramic frit, heat-soak-test), in combination with translucent insulating material (TIM)



Photos: Marcela Grassi

The Sainsbury Wellcome Centre building was designed by Ian Ritchie Architects with Arup engineers and was officially opened in May 2016. Since then, it has won a number of awards. The SWC is one of the first buildings in the world which was designed to take into account what has been learned so far about how the spaces in which we live and work affect our moods and the ways we behave.

It is also unique as a research institute because it was designed 'from the inside out': the architects visited neuroscientists worldwide to understand the state of their art and what they could envisage their laboratories requiring in the future before even beginning the design.

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EXUPERY INTERNATIONAL SCHOOL

Pinki, Lettland

The Exupéry International School in Pinki near Riga combines a kindergarten and a school in a building ensemble consisting of a ring-shaped building and a curved bar.

The volume of the building A is designed circular in order to create a patio for kindergarten to play and walk, where the children are protected from wind as well as the noise from the highway. In its turn the volume of building B is designed as a marking off barrier between the highway and kindergarten thus creating a large courtyard between the two buildings with amphitheatre.

Architect:
8 A.M., Riga - Lettland

Photos:
8 A.M. / Indrikis Stürmanis

Lamberts products:
LINIT®EcoGlass P 26/60/7, solar, TH (toughened, heat-soak-test)

The sports hall on the ground floor is connected to an outdoor sports field. The 100 metre-long tartan track dips into the kink in the school building through a tunnel.

DIVISION OF ANATOMY MED UNI GRAZ

Graz, Austria

The Division of Anatomy of the Medical University of Graz is one of the largest European educational facilities of its kind. It enjoys a high reputation among international experts.

For its new headquarters at the MED CAMPUS Graz, the aim was to devise sophisticated technical solutions between the historical substance and the new building, while creating a reverent setting for teaching and research.

Awards
- Archello Awards 2023: "University Building of the Year"

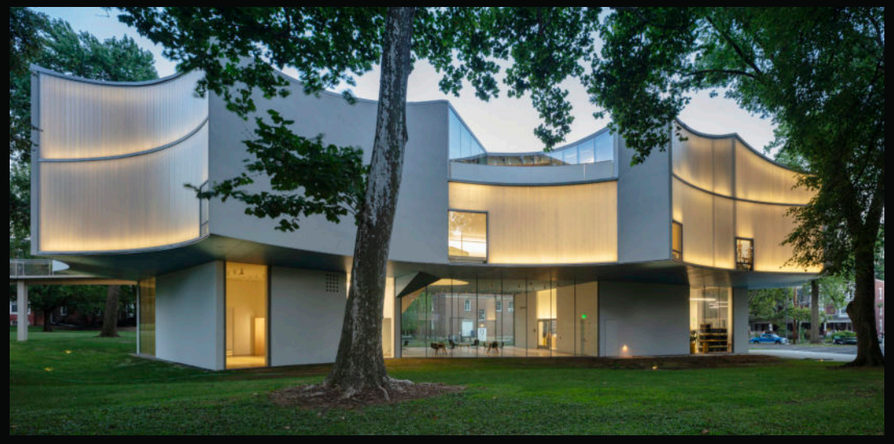
Architect:
Franz & Sue, Vienna - Austria

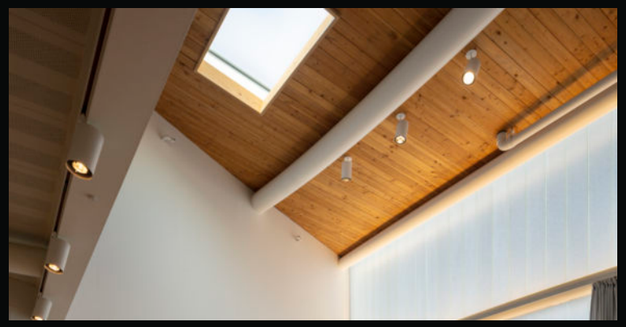
Photos:
David Schreyer

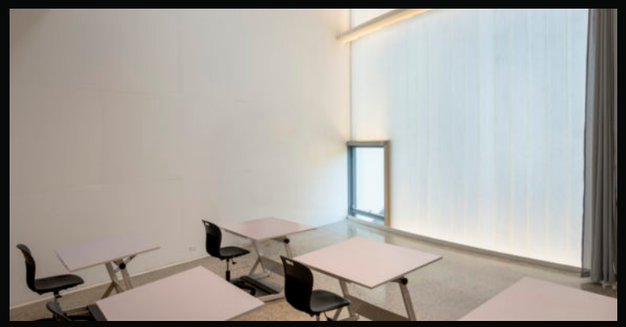
LAMBERTS products:
LINIT®EcoGlass P 26/60/7, low iron, cord, S (sandblasted), TH (toughened, heat-soak-test), in combination with translucent insulating material (TIM)

"In the dissecting areas, we deliberately sought simple and pragmatic architectural detail solutions to create calm spaces that are not dominated by technology. A profiled glass façade with translucent thermal insulation provides natural lighting while protecting against unwanted views from outside. In this way, a balance is achieved between open spaces and respectful boundaries." - Franz&Sue

WINTER VISUAL ARTS CENTER
Franklin & Marshall College
Lancaster, USA







Architect: **Steven Holl, New York - USA**

Photos: Paul Warchol Photography

The Winter Visual Arts Building, a pavilion for the study and exhibition of visual arts, was designed by Steven Holl Architects in 2016 and completed in 2020. It is located at Franklin & Marshall College in Lancaster, Pennsylvania. The building, which has been awarded Leed Gold certification, is 75% lit by natural light during the day.

Awards

- Engineering News Record Regional Best Projects Award (2020)
- Architect's Newspaper, Best of Design Awards, Winner of Institutional Higher Education Category (2020)

LAMBERTS products:
LINIT®EcoGlass P 26/60/7, low iron, 504, TH (toughened, heat-soak-test), in combination with translucent insulating material (TIM)

OPEN SCHOOL COLOGNE

Cologne, Germany

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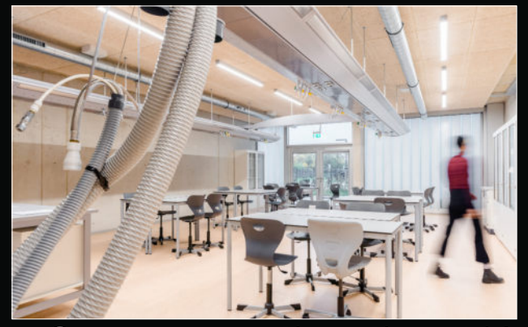
Awards
North Rhine-Westphalia
School Construction Prize 2023



Architect: **Hausmann Architektur, Aachen - Germany**

Photos: **Simon Veith**

The Open School Cologne, designed for 650 pupils, was built as an energy-sustainable, cost-efficient and adaptable school building under the planning direction of the Aachen-based architectural firm Hausmann Architektur. The three-storey school building is a multi-winged complex consisting of four uniform building sections with a rectangular footprint and compact building cubature. The central element of the layout is an inner courtyard that can be used as an outdoor space and serves to illuminate the interior rooms. The exterior design of the school building is characterised by the light strips made of profiled glass, insulated on the inside with translucent thermal insulation, with window openings.

LAMBERTS products

LINIT®EcoGlass P 26/60/7, 504, TH (toughened, heat-soak-test), in combination with translucent insulating material (TIM)

STIFTHAUS ELEKTRO VIEWEG
Chemnitz, Germany

The renovated Stifthaus is the new training centre of the electrical company Vieweg in Chemnitz. The building already existed before reunification and is now the workplace of more than 120 people. Around 30 trainees from all apprenticeship years complete their training there at laboratory workstations and training facilities for circuit construction. The building is also used for instruction, training and exam preparation.

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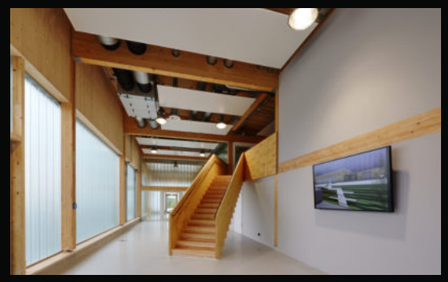
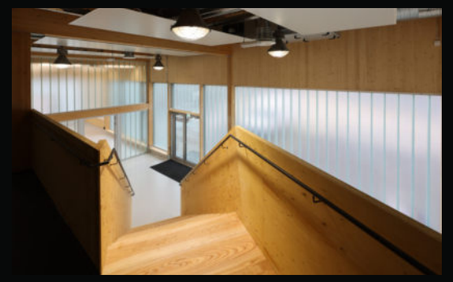
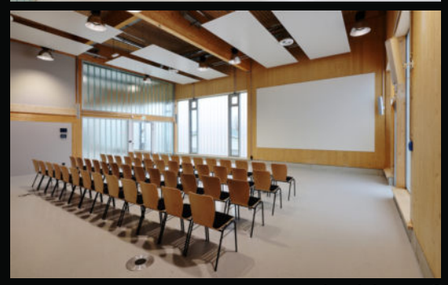



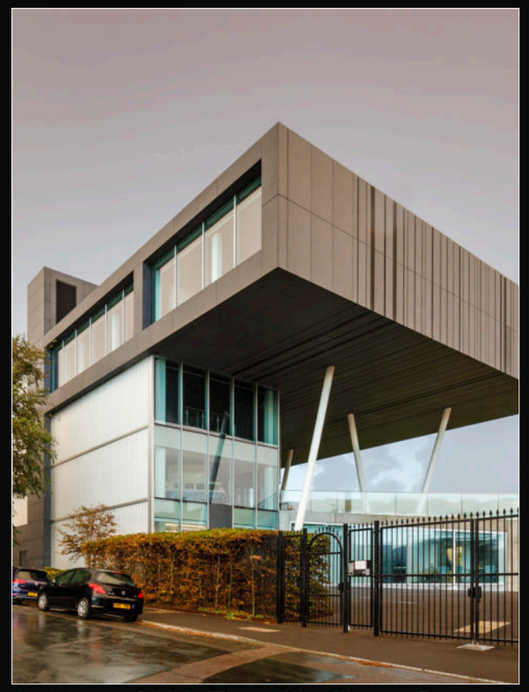




Architect & Photos: **DIA 179, Berlin - Germany**

LAMBERTS products
LINIT® EcoGlass P 33/60/7, 504, TH (toughened, heat-soak-test)

BRIGHTON COLLEGE

Brighton, England



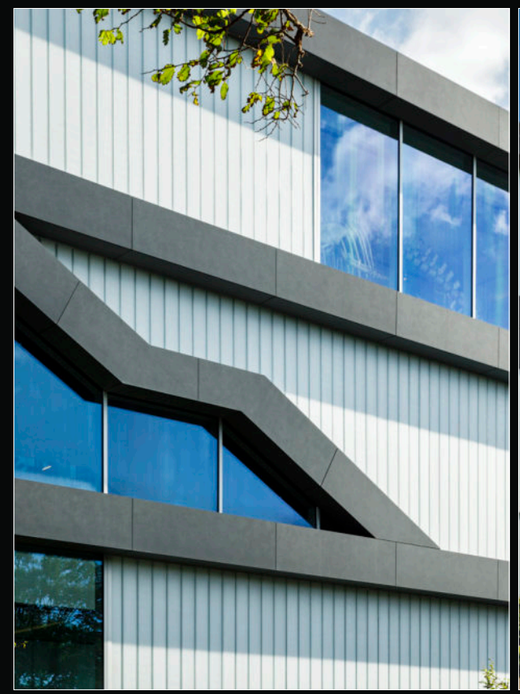
Architect: **OMA/Rem Koolhaas, Rotterdam - Netherlands**

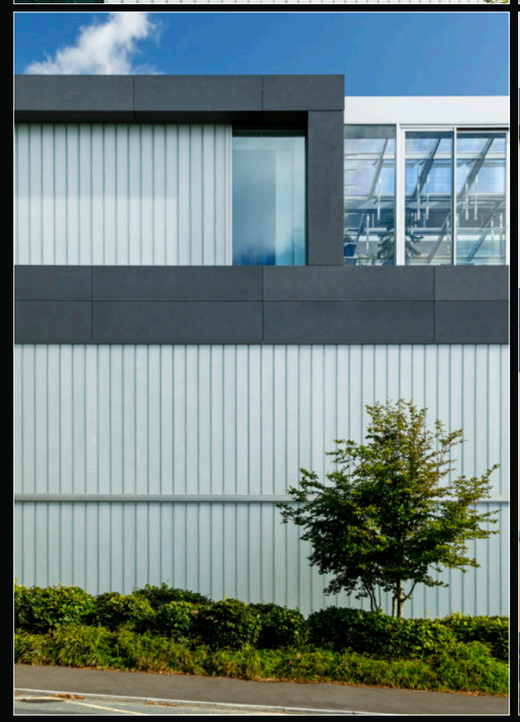
Awards

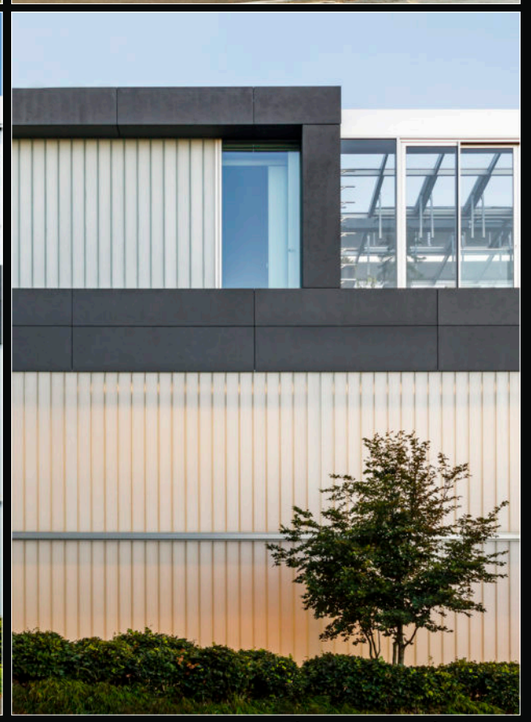
- RIBA National Award winner (2021)
- RIBA South East Award winnter (2021)

LAMBERTS products

LINIT® EcoGlass P 26/60/7, low iron, 504, TCH (toughened, color ceramic frit, heat-soak-test)







Photos: Marcela Grassi

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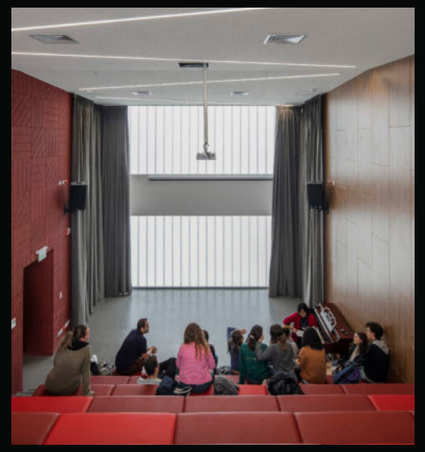
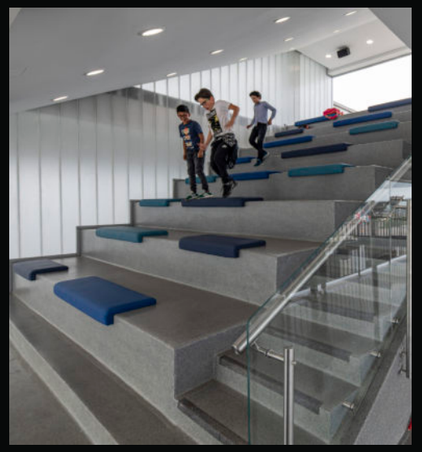
COLEGIO HELVETIA DE BOGOTÁ

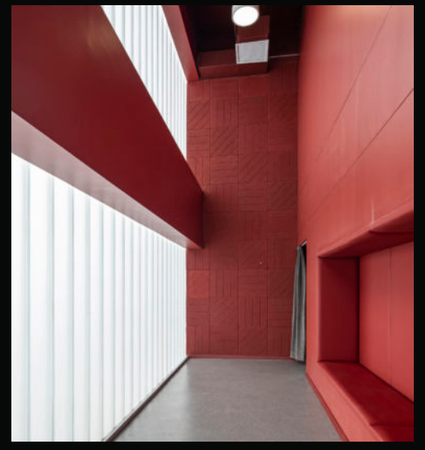
Bogotá - Colombia

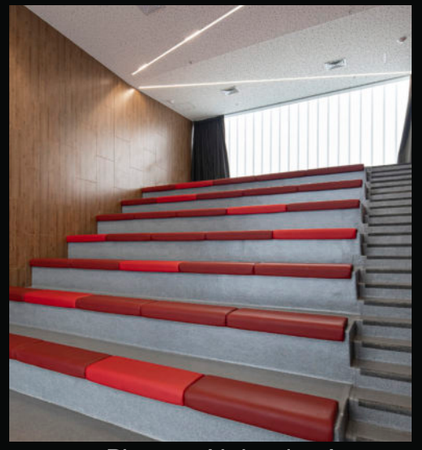
LAMBERTS products

LINIT®EcoGlass P 26/60/7, low iron, clarissimo, TSH (toughened, sandblasted, heat-soak-test); LINIT®EcoGlass P 26/60/7, low iron, clarissimo, TCH (toughened, color ceramic frit, translucent white L1, heat-soak-test)









Architect: El Equipo Mazzanti, Bogotá - Colombia

Photos: Alejandro Arango

The Colegio Helvetia was built in Bogotá, the capital of Colombia, in 1954. It covers an area of 34,000 square metres. The headquarters, designed by the Swiss modernist architect Víctor Schmid, was declared a cultural monument in 1992 and later extended by various architects. These extensions were replaced by a new, more contemporary infrastructure. The challenge for the architects was to develop an educational space that would do justice to the new forms of teaching while respecting the listed building.

The building project utilises the strategy of lowering the building by one level to create an English courtyard. It is divided into two wings that are not connected to each other: the smaller primary wing and the longer secondary wing, which connects and integrates the existing library. The tips of the two wings are inclined to allow access to the green roof. The floor plan of the project is rotated and adapted to the existing geometries.

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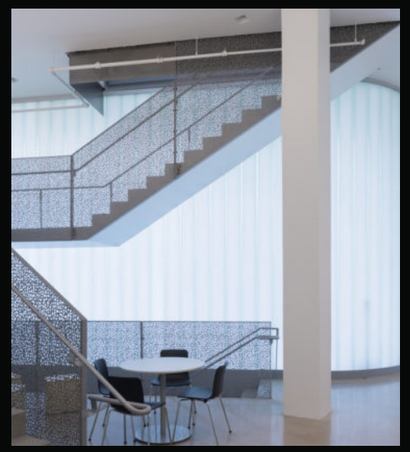
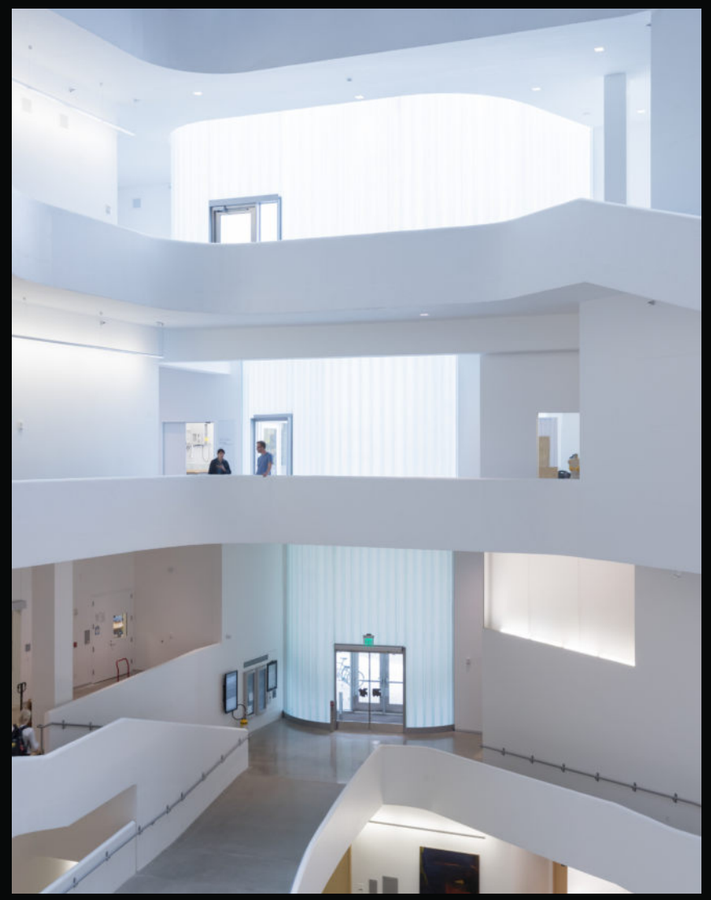
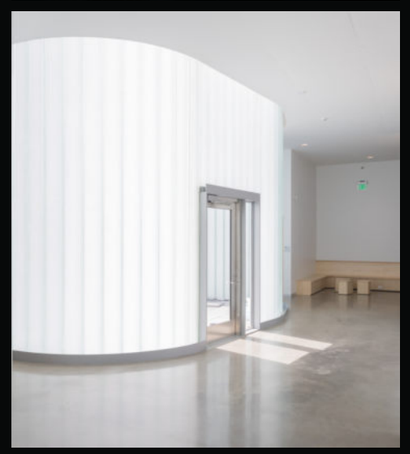
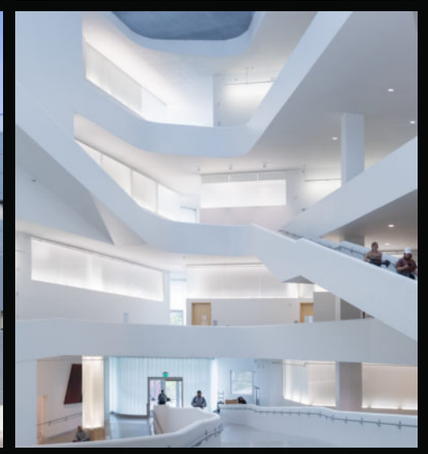
LAMBERTS products

LINIT®EcoGlass P 26/60/7, low iron, solar, TSH (toughened, sandblasted, heat-soak-test)









Architect: **Steven Holl, New York - USA**

Photos: Iwan Baan Studio

VISUAL ARTS BUILDING IOWA

Iowa City, USA

Awards

• ACI Excellence in Concrete Construction Awards, Low-Rise Buildings (2018)
• Chicago Athenaeum American Architecture Prize (2017)
• AIA NY Design Awards: Honor Award (2017)
• Weidt Group, Commercial New Construction, Excellence in Energy Efficient Design (2017)
• Metal Construction Association, Chairman's Award for overall excellence (2017)
• Sara NY, Design Awards: Design Award of Excellence (2017)
• ENR, Midwest Regional Best Higher Education / Research Project (2017)
• Interior Design Best Of The Year Award – Education (2016)
• Architects Newspaper, Building of the Year, Midwest (2016)

UNIVERSIDAD DE LIMA

Lima, Peru

Architect: **Sasaki, Boston - USA**

Photos: Eleazar Cuadros

Awards

- Society for College and University Planning/American Institue of Architects Committee on Architecture for Education (SCUP/AIA-CAE), Merit Award in Excellence in Architecture for a New Building

LAMBERTS products

LINIT® EcoGlass P 26/60/7, solar, TCH (toughened, color ceramic frit, translucent white L1, heat-soak-test)

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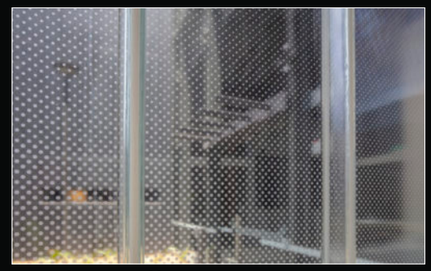
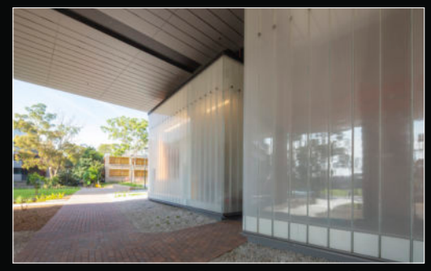
UNIVERSITY OF WOLLONGONG

Wollongong - Australien





Architect: **Jacobs Architecture, Sydney - Australia**

Photos: John Gollins

Awards

- AIA New York Chapter Architecture Honor Award (2007)
- Roger H. Corbetta Merit Award, Concrete Industry Board (2006)

LAMBERTS products

LINIT® EcoGlass P 33/60/7, low iron, clarissimo, low iron TCH (toughened, color ceramic frit, heat-soak-test); color enamelling special design

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FACULTY OF FINE ARTS - UNIVERSIDAD DE LAGUNA, TENERIFFA

San Cristóbal de La Laguna, Spain

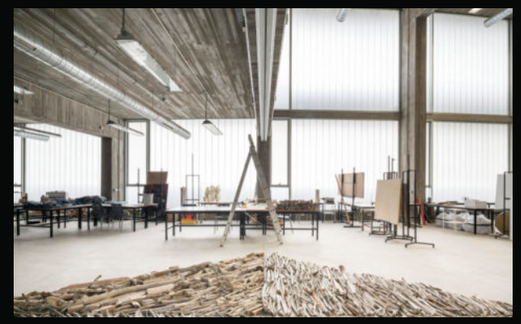
Awards

- LEAF Awards 2016: Public Building of the Year
- Premio de Arquitectura del Colegio Oficial de Arquitectos de Tenerife, La Gomera y El Hierro 'Manuel de Oraá y Arcocha' (2008/2017)
- Chicago Athenaeum International Architecture Awards: Winner (2015)
- Architizer A+ Awards: Special Mention (2016)
- German Design Council Iconic Awards: Best of Best (2015)

Architect:
GPY Arquitectos, Tenerife - Spain

Photos:
Filippo Poli

LAMBERTS products:
LINIT®EcoGlass P 26/60/7, 504, TSH (toughened, sandblasted, heat-soak-test)



Architect: **Nord Architects, Kopenhagen - Dänemark**

Photos: Adam Mork

NATURAL SCIENCE CENTER

Bjerringbro, Denmark

Awards

- Nomination Mies van der Rohe Award (2010)

LAMBERTS products

LINIT® EcoGlass P 26/60/7, low iron, solar, TCH (toughened, color ceramic frit, heat-soak-test)

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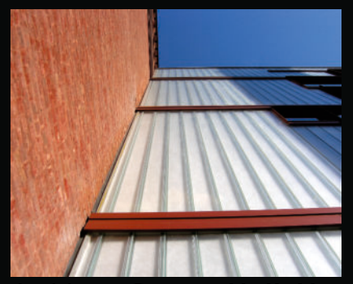


Architect: **Steven Holl, New York - USA**

PRATT INSTITUTE

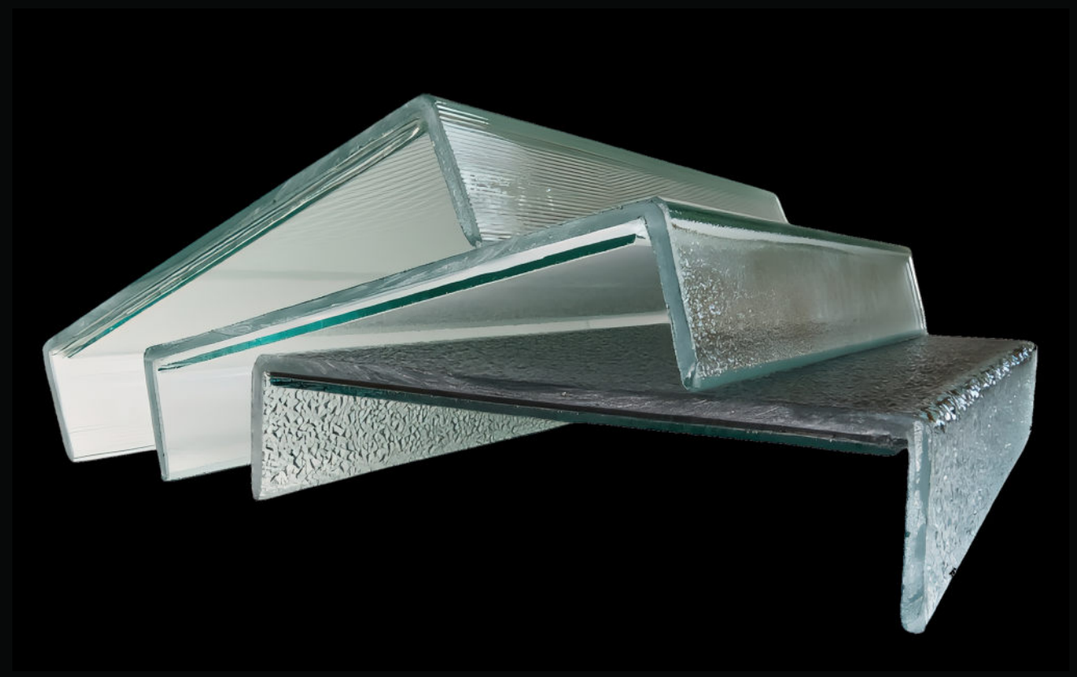
New York, USA

Awards

- AIA New York Chapter Architecture Honor Award (2007)
- Roger H. Corbetta Merit Award, Concrete Industry Board (2006)

LAMBERTS products

LINIT® EcoGlass P 26/60/7, low iron, solar, TSH (toughened, sandblasted, heat-soak-test)



LAMBERTS LINIT is an alkali-lime glass. It's a special form of cast glass consisting mainly of sand, lime, soda and dolomite.

These raw materials are carefully melted down in the world's first oxygen-fired – and therefore also environmentally friendly – cast glass furnace. The glass strip taken from the oven is bent into a U-shape whilst still in its plastic phase. It is then cooled and hardened. After the closely monitored cooling process the desired lengths are automatically cut, checked for quality and packaged in batches in transport foil.

The resulting glass lengths all have an individual optical character causing a lively, light-refracting glass facade.

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LINIT©EcoGlass
By Glasfabrik LAMBERTS

LAMBERTS

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Address
Glasfabrik Lamberts GmbH & Co. KG
Egerstraße 197
95632 Wunsiedel / Germany

EMAIL
info@lamberts.info

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www.lamberts.info