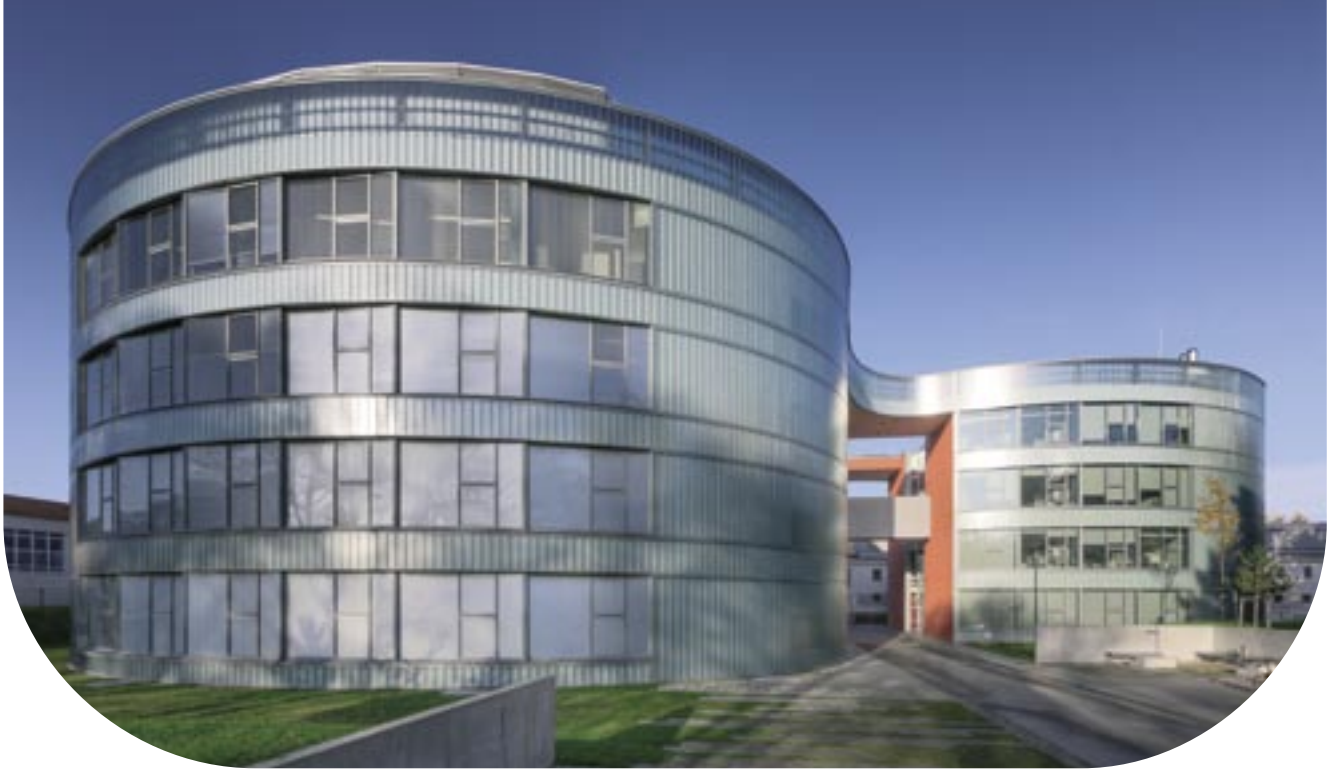




University of Iowa
Architect: Steven Holl
Photo: Jerry Swanson Architectural Photography





The two-part BMRC ensemble is separated by a thoroughfare and linked by bridges.

Organic building envelope

Institute building of the Biomedical Research Centre (BMRC), Rostock (D)

Arranged on an amoeba-like footprint and with an organically appearing outer envelope, the BMRC Rostock architecturally displays its function as a Biomedical and Biotechnical Research Centre.

Building owner:

KOE - Municipal Property Management and Development of the Hanseatic City of Rostock and the State Building Authority Rostock

Architect:

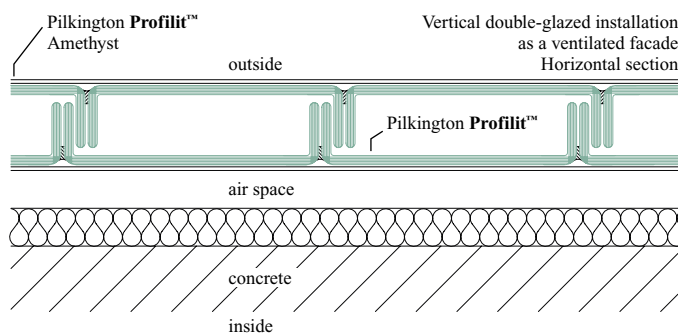
Deubzer König Architekten, Berlin (D)

A large communal and a smaller university building section are linked together via bridges above a thoroughfare - another reference to the concept of linking business and science directly with each other at the location.

An exterior skin made completely of double-shell profiled glass sections as a non-bearing rear ventilated construction is interrupted only by window areas and stairwells.

It continues as a parapet-like, free-standing facing 3 m above the roof edge, by which means both a harmonious building height is achieved and technical modules on the roof are hidden.

The solution with Pilkington **Profilit™** was able to prevail as the most economical and aesthetically effective way to realise the aims in particular because the fine vertical joint structure of the profiled glass sections has a plastically supporting effect in the formation of the two polygonal structures.



Pilkington Profilit™ glazing:

external envelope of approx. 5,100 m² of Pilkington **Profilit™** K25/60/7 double-glazed installation (outer shell with „Amethyst“ coating, inner shell normal glass without coating) in front of a thermally insulated concrete facade, in some subareas constructed as a non-ventilated facade

Stairwells with translucent thermal insulation in the space between the profiled glass sections (outer shell with „Amethyst“ coating, inner shell with „plus 1.7“ coating)



The parapet overhang consisting of free-standing Pilkington **Profilit™** glazing optimises the proportions of the structure and conceals technical modules on the roof.

Translucent entrée

Office and production building of Renault Trucks S.p.A., Pero (I)

The combined administration and technical building for the Italian headquarters of Renault Trucks S.p.A. is located outside Milan in Pero.

Two block-shaped buildings separate the functions of administration and industrial production.

A transparent connecting segment serves as a central access zone for the three levels of the adjoining buildings and with them forms an inner courtyard, whose representative entrance character is emphasised by flanking rows of palm trees.

Whereas the blocks of the two buildings are characterised by their horizontally structured



A modern dialogue of the building materials is created between Pilkington **Profilit**[™], the integrated, transparent fixed glazing and the horizontally structured aluminium facades of the block buildings.

aluminium cladding with light bands, the completely glazed facade of the connecting segment has a prominent design role.

Its surface is divided into 3 x 3 squares, which are defined by wide steel sections that take up the Pilkington **Profilit**[™] glazing.

Transparent light openings of varying sizes are integrated asymmetrically into five squares from the first floor up, the lower facade level has a single-leaf door on each side and a transparently glazed „square“ in the centre.

Above the roof edge a row of half-field sized

Pilkington **Profilit**[™] elements extends

as a parapet.

Building owner/Tenant:

Renault Trucks Office,
Pero near Milan (I)

Architect:

Alessia Garibaldi and
Giorgio Piliago, Garilab Associati,
Milan (I)

Installer:

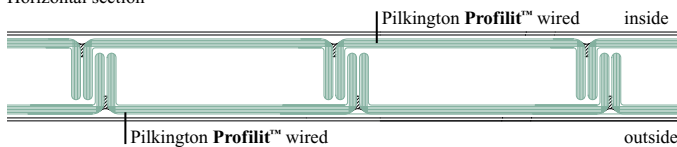
Vetzeria Carro S.r.l - Bollate,
Milan (I)

Pilkington **Profilit**[™] glazing:

approx. 800 m² of Pilkington
Profilit[™] K25/60/7 wired
double-glazed installed

Installation largely vertical,
in one small subsection horizontal

Vertical double-glazed installation
Horizontal section



The connecting segment

by night:

translucent and transparent areas
provide a dramatic play of light
with alternating views inwards
and outwards.





Furniture design in neutral light

Exhibition centre with offices, Berkel and Rodenrijs (NL)

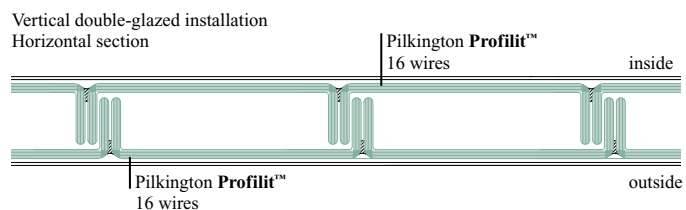
Top quality design furniture is particularly highlighted by a technical lighting presentation in combination with as high a proportion of natural daylight as possible.

In the case of this building the architects are also the building owners and operators of a showroom for sophisticated office and design furniture.

OIP Architekten did justice to their own creatively sophisticated utilisation concept by means of an expressive, dynamically geometric building shape whose inner illumination of a large area is achieved by the use of profiled glass segment fields in the facades of both building levels.

The double-glazed Pilkington **Profilit**[™] installation with wire reinforcement extends into the generous, asymmetrical light openings of both structures from the base and floor to below the roof edge. In the ground floor area they integrate a slim horizontal light band that contrasts the vertical structure of the profiled glass segments. The effect inside is just as decisive as the external effect: daylight-flooded office zones were created and also, thanks to the outstanding colour rendering index of Pilkington **Profilit**[™], naturally illuminated presentation areas for exceptional furniture.

The horizontally inserted light band forms a contrast to the fine vertical structure of Pilkington **Profilit**[™].



Building owner and architect:
OIP Architekten,
Berkel and Rodenrijs (NL)
Installer:
Glasimpex Schiedam b.v.,
Schiedam (NL)

Pilkington Profilit[™] glazing:
approx. 600 m² of Pilkington
Profilit[™] K25/60/7 with
16 wires double-glazed installed



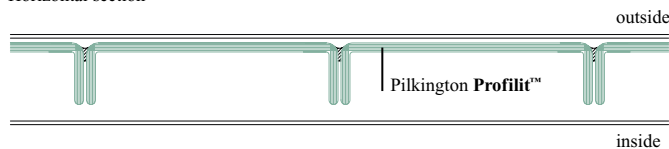
Daylight filters through the profiled glass section facade across the office zones right into the centre of the building.

Illuminated object and noise protection facade

Residential building on Innsbrucker Ring, Munich (D)

With the four newly erected blocks on the busy Innsbrucker Ring in Munich an integrative residential concept of attractive living space and a meanwhile highly regarded illuminated object in one was created. The primary function of the large facade made of Pilkington **Profilit**[™] is that of an effective sound insulation buffer in front of the entrance areas to the residential units.

Vertical single-glazed installation
Horizontal section



To achieve this, in the Munich property the profiled glass sections were installed in system profiles storey-wise and in single layers. Integrated opening window elements are spread over two storeys and are offset in the translucent facade bands. Their width was harmonised with the profiled glass sections and they are exactly twice the width of the glass elements. In order to make the most of the translucent effect



Natural daylight and effective noise protection for the entrance zones with a facade of Pilkington **Profilit**[™]

Building owner:
GEWOFAG, Munich (D)
Architect:
Krieger Architekten BdA,
Samerberg (D)
Installer:
Ammann Glas-Metallbau GmbH,
Munich (D)

Pilkington Profilit[™] glazing:
approx. 2,000 m² of
Pilkington **Profilit**[™] K22/60/7
as single-glazed installation
backlit noise protection glazing
of the facades facing the street

integrated opening window
elements

connection of the Pilkington
Profilit[™] system profiles to the
steel section substructure
at the storey levels

of Pilkington **Profilit**[™] at night as well, the architect came up with a form of illumination that is both economical and effective: in combination with swivelling reflectors, precisely positioned fluorescent tubes diffuse the wall colours of yellow, light blue and light green milkily shimmering through the translucent profiled glass sections into the darkness.

At night the facades on Innsbrucker Ring are a highly regarded illuminated object.



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