SEVES GLASS BLOCK

TAILOR MADE → INNOVATION

DESIGN → AESTHETIC FORMAL RESERCH

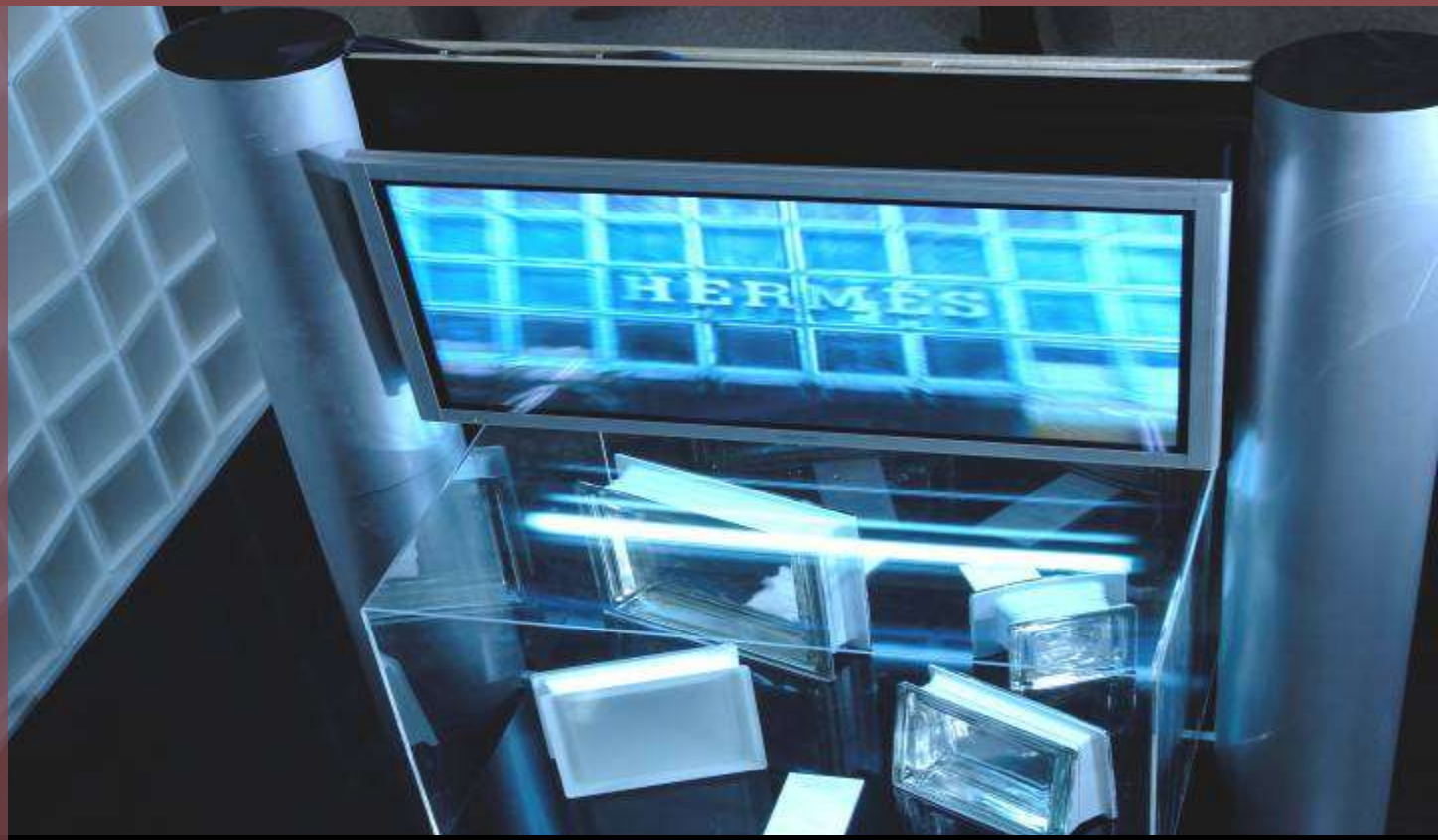
TECHNOLOGY → PERFORMANCE & FEATURES

BASIC → TRADITIONAL

TAILOR MADE	DESIGN	TECHNOLOGY	BASIC
innovation	aesthetic	performance	tradition

TAILOR MADE

Tailor made proposals make up the **DNA of Seves glassblock** from ad hoc products created to meet specific design requirements. Seves has managed to bring **flexibility to the manufacturing** processes, ensuring that it is capable of understanding and shaping the **creativity of architects and interior designers.**



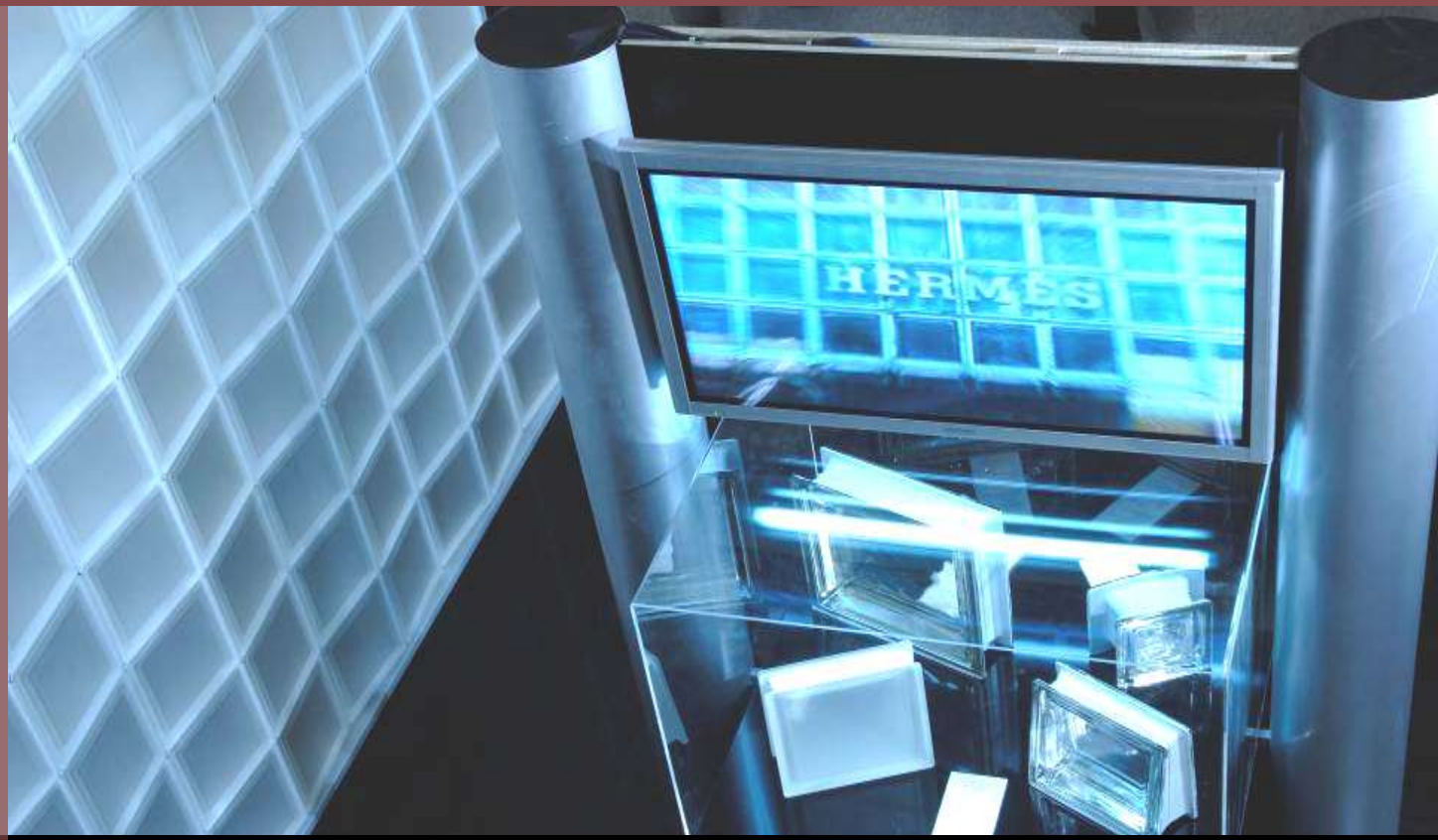
DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

TAILOR MADE

SHAPE

A constructive element for walls and structures of diverse geometries, the glass block has always been identified as a truly simple and essential form: a parallelepiped differing in predefined dimension modules.



DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES GLASS BLOCK

TAILOR MADE

DIMENSION

Traditionally, glass blocks were only available in the 19x19cm standard dimension, and sometimes in the 24x24cm and 30x30cm dimensions, with a varying thickness between 8 and 10 cm.

DESIGN TECHNOLOGY BASIC

TAILOR MADE

COLOUR

As an essential factor in the language of architecture, colour entered the world of glass blocks in the 1990's thanks to Seves, the first to manufacture coloured glass blocks.

TAILOR MADE

GLASS DESIGN

Absolute transparency, light reflections, and shapes that break across the waves of glass and seem to move with the light.

DESIGN | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

TAILOR MADE

MODULARITY

Over 2000 years ago, materialist philosophers argued that the universe is made up of combinations of small, indivisible elements called atoms. Even today, modularity is a fascinating principle that permeates the world of contemporary architecture.

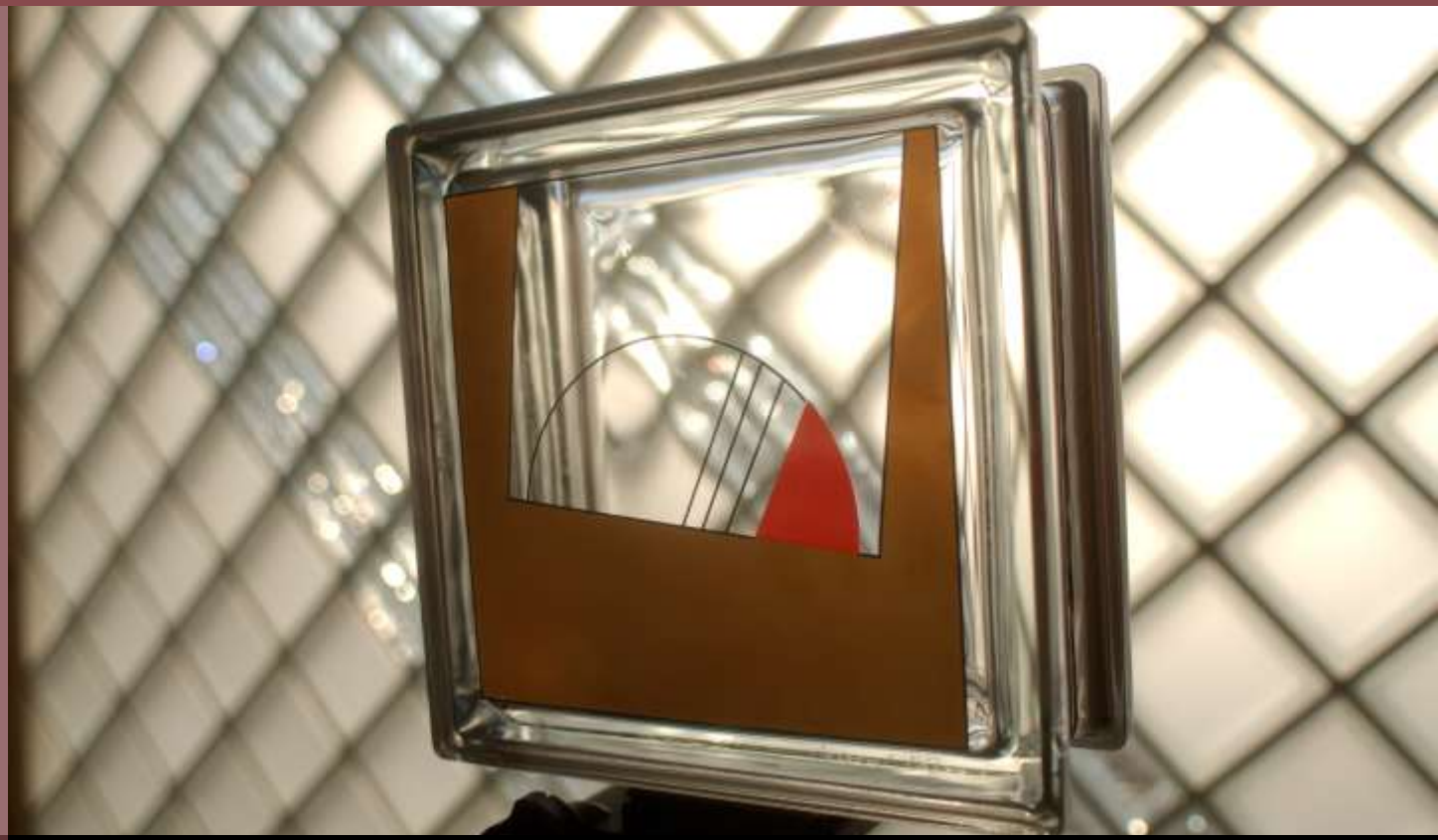
DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

TAILOR MADE

GLASS FINISHING

The finishing is the last phase in the production process and is the real skin of the glass block.



DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

TAILOR MADE

JOINT THICKNESS

**Although not always considered an important detail,
the joint plays a crucial role in the personality and identity of an architectural project.**

TAILOR MADE

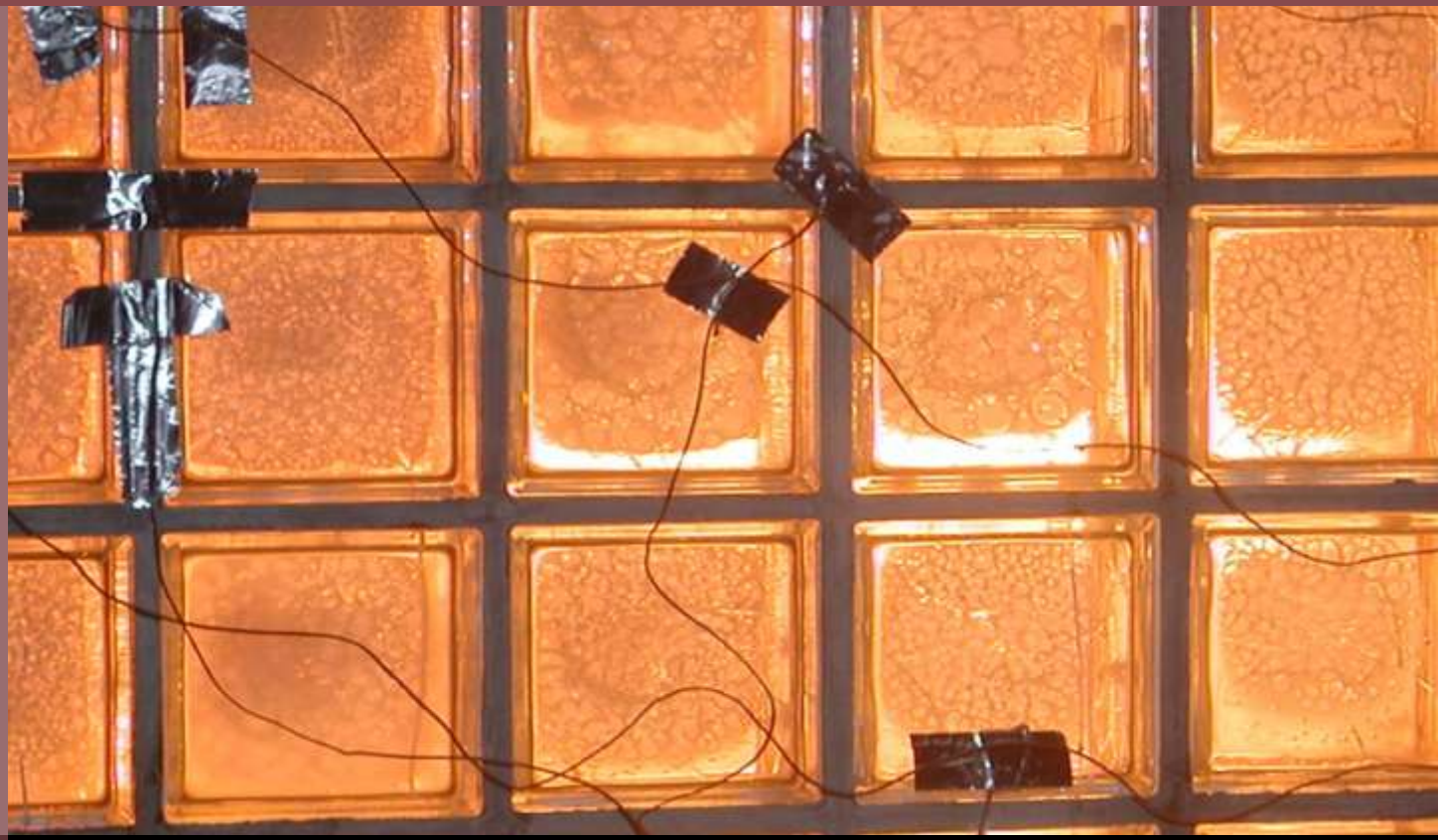
JOINT FINISHING

Imagine a thin red joint, or line that “frames” each of the clear glass blocks within a wall, then imagine that same wall with a neutral joint, completely hidden. Two different compositions, that create two very different esthetic effects, where the reduction of the joint size does not necessarily reduce its significance

TAILOR MADE

FEATURES & PERFORMANCES

Besides the possibility to moderate light, glass blocks can also provide significant levels of thermal and acoustic insulation, impact resistance, and resistance to fire. Given these high performance features, glass blocks can also be utilized in critical contexts such as railway stations, seismic zones, or in any project requiring specific technical characteristics.

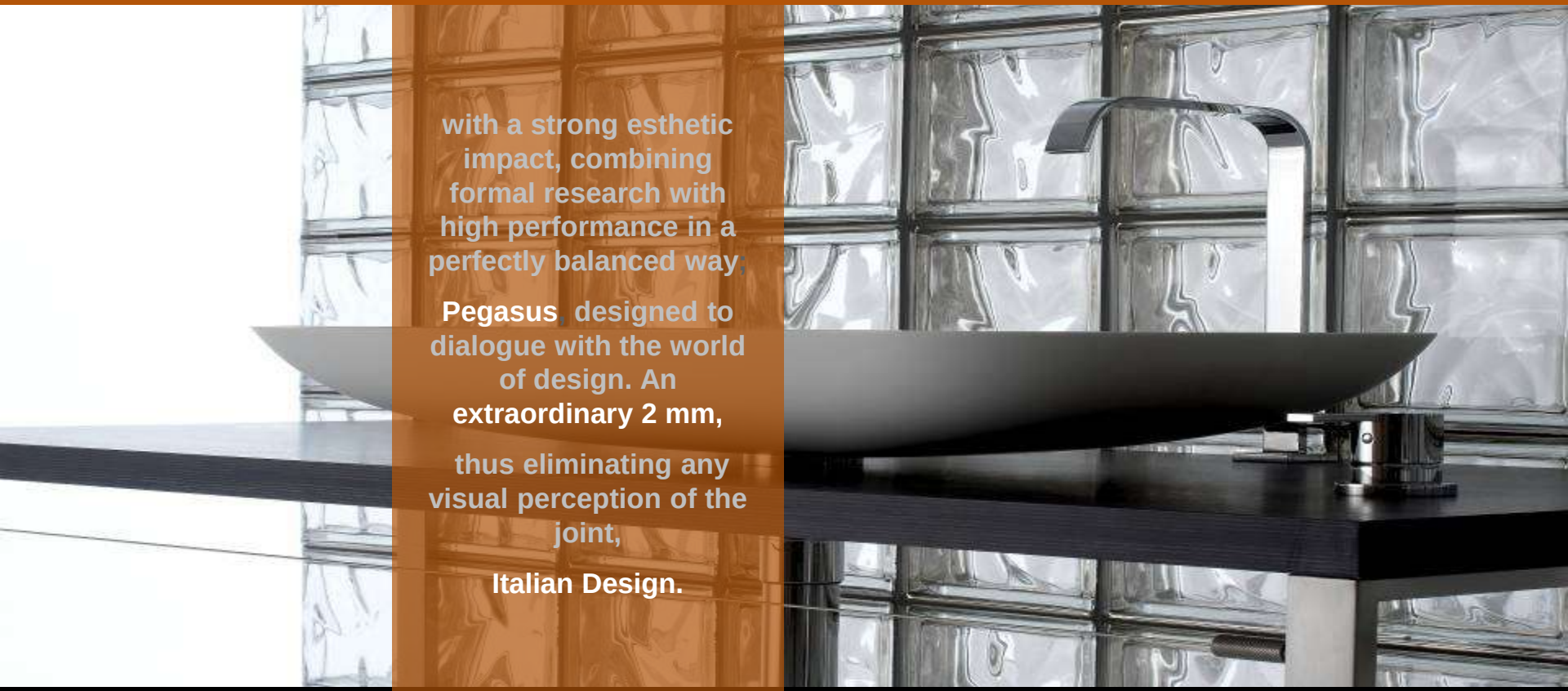


DESIGN TECHNOLOGY BASIC

SEVES

SEVES GLASS BLOCK

DESIGN



with a strong esthetic impact, combining formal research with high performance in a perfectly balanced way;

Pegasus, designed to dialogue with the world of design. An **extraordinary 2 mm,**

thus eliminating any visual perception of the joint,

Italian Design.

TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES GLASS BLOCK

TECHNOLOGY

Seves glass blocks which are ideal for all applications combined with a greater need for safety in order to protect against **fire, intrusions,** etc, and achieve greater **insulation** or **higher resistance** to breakage (horizontal structures). **Solaris, German construction** tradition: **high technology** and reliability.

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

BASIC

Seves glassblock basic line allows a **diffused , stable, uniform, light** to through, creating **splendid environmental effects** while still preserving corners of absolute intimicy.

80 year-old tradition

of glass making,

Bohemia!

TAILOR MADE **DESIGN** **TECHNOLOGY**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Milan Triennale / Invisible city

Glass is the key of everything.

The transparency is to create intimity

which

lets the light come in.

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

TAILOR MADE

Milan Triennale / Invisible city

Fashion & architectural design

Transparent City

By Renzo Piano

DESIGN	TECHNOLOGY	BASIC
innovation	aesthetic	performance	tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

¼ of original Hermes foulard

extraordinarily large glass block

(never produced before)

42,8x42,8x12 cm

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

¼ of Hermes special edition block

One side straigth and one side curved:

24x21x12 cm

By Renzo Piano

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

Special “wings” create an edge that protrudes more than traditional blocks and can “conceal” the joints between adjacent blocks.

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

As a result, support structures “dissapear” making surfaces appear extraordinaly “light”.

By Renzo Piano

DESIGN	TECHNOLOGY	BASIC
innovation	aesthetic	performance	tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

Furthermore, special metalized paint around the borders!

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

This gives the walls a silver reflection and creates refined, elegant and unifrom surfaces.

By Renzo Piano

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

TAILOR MADE

Maison Hermes, Tokyo / Japan

By Renzo Piano

DESIGN | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

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SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

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DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

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DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan

By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

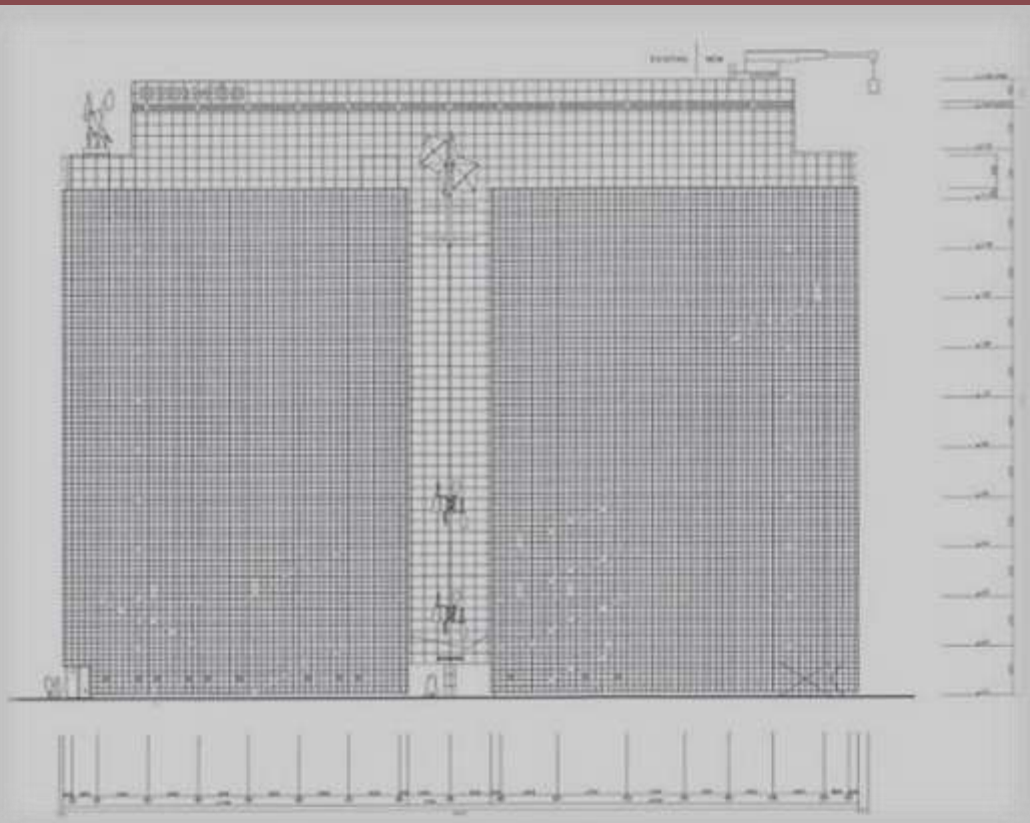
TAILOR MADE

Maison Hermes, Tokyo / Japan

6,000 m2 multi-use building

•Very narrow plot less than 12m wide,
•13 storeys high

•15,000 glass blocks used for facade

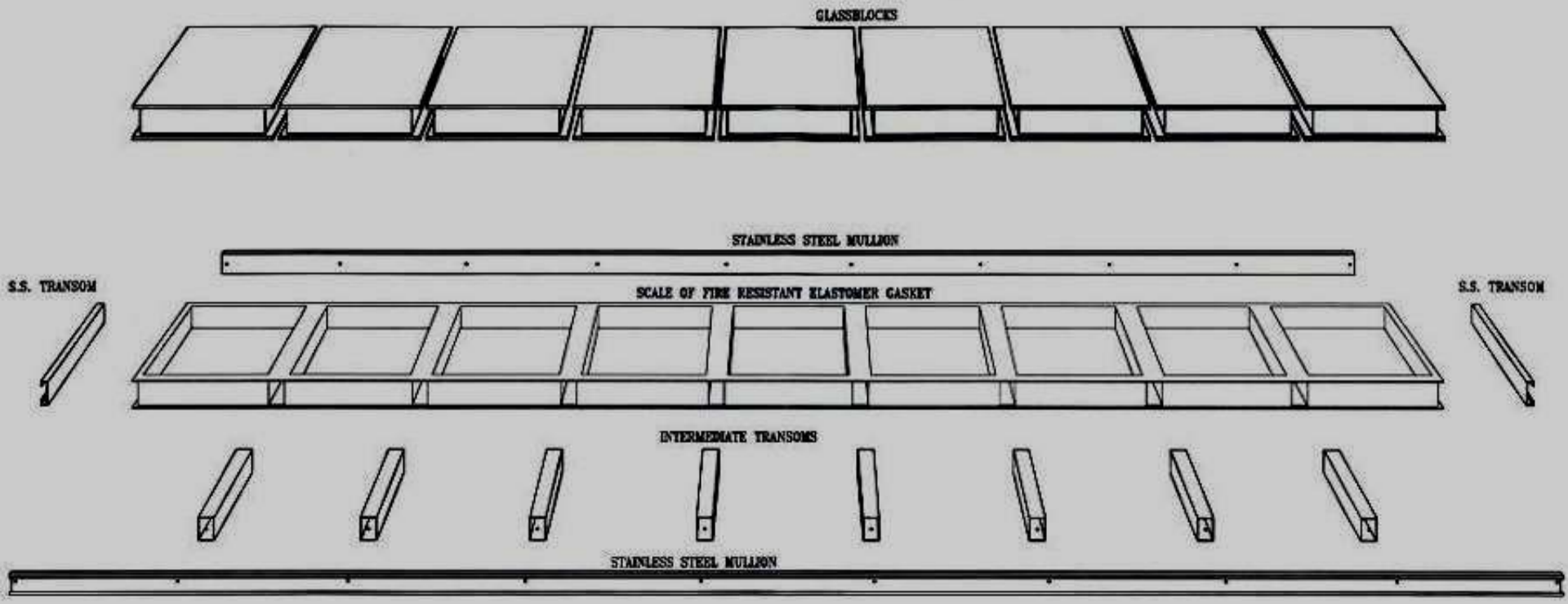


By Renzo Piano

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

TAILOR MADE Maison Hermes, Tokyo / Japan



By Renzo Piano

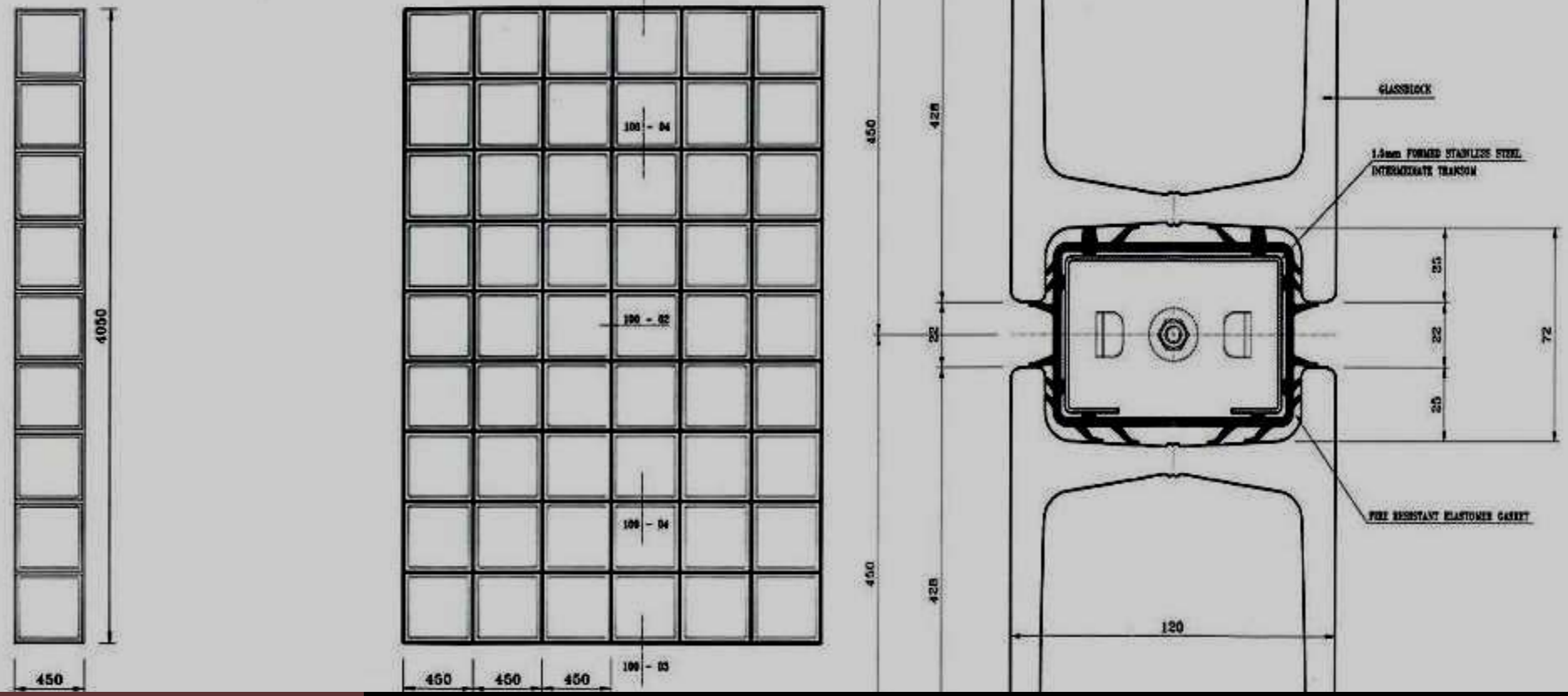
DESIGN	TECHNOLOGY	BASIC
innovation	aesthetic	performance	tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan



By Renzo Piano

DESIGN

TECHNOLOGY

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innovation

aesthetic

performance

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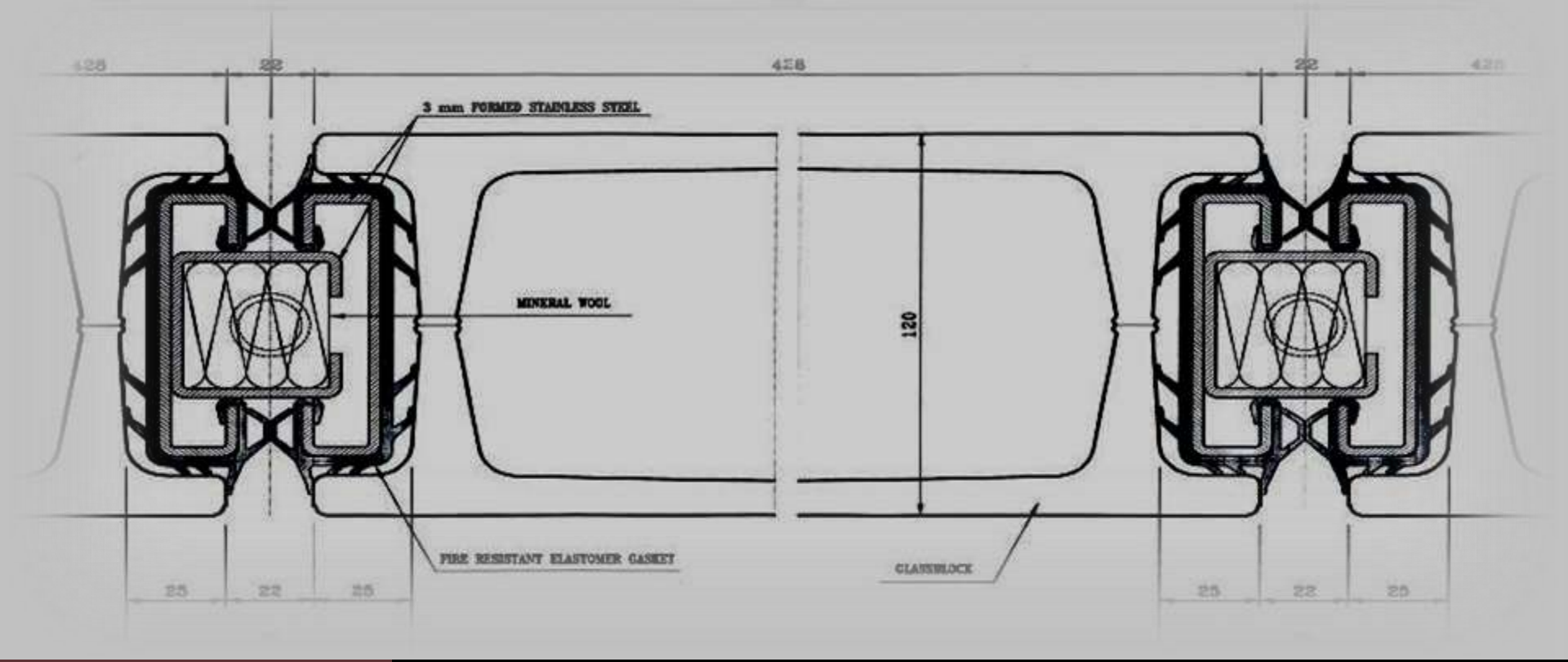
TAILOR MADE Maison Hermes, Tokyo / Japan



By Renzo Piano

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innovation	aesthetic	performance	tradition

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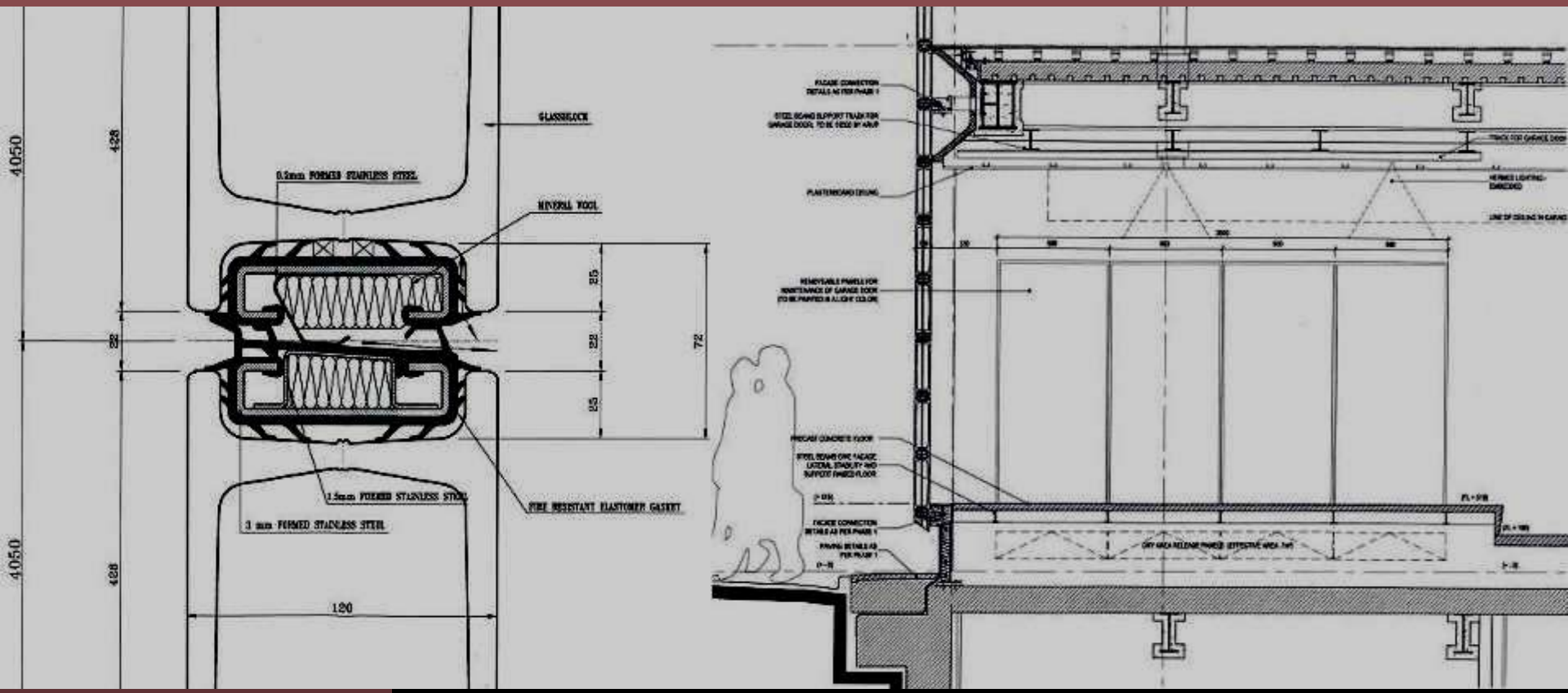
Maison Hermes, Tokyo / Japan



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DESIGN TECHNOLOGY BASIC

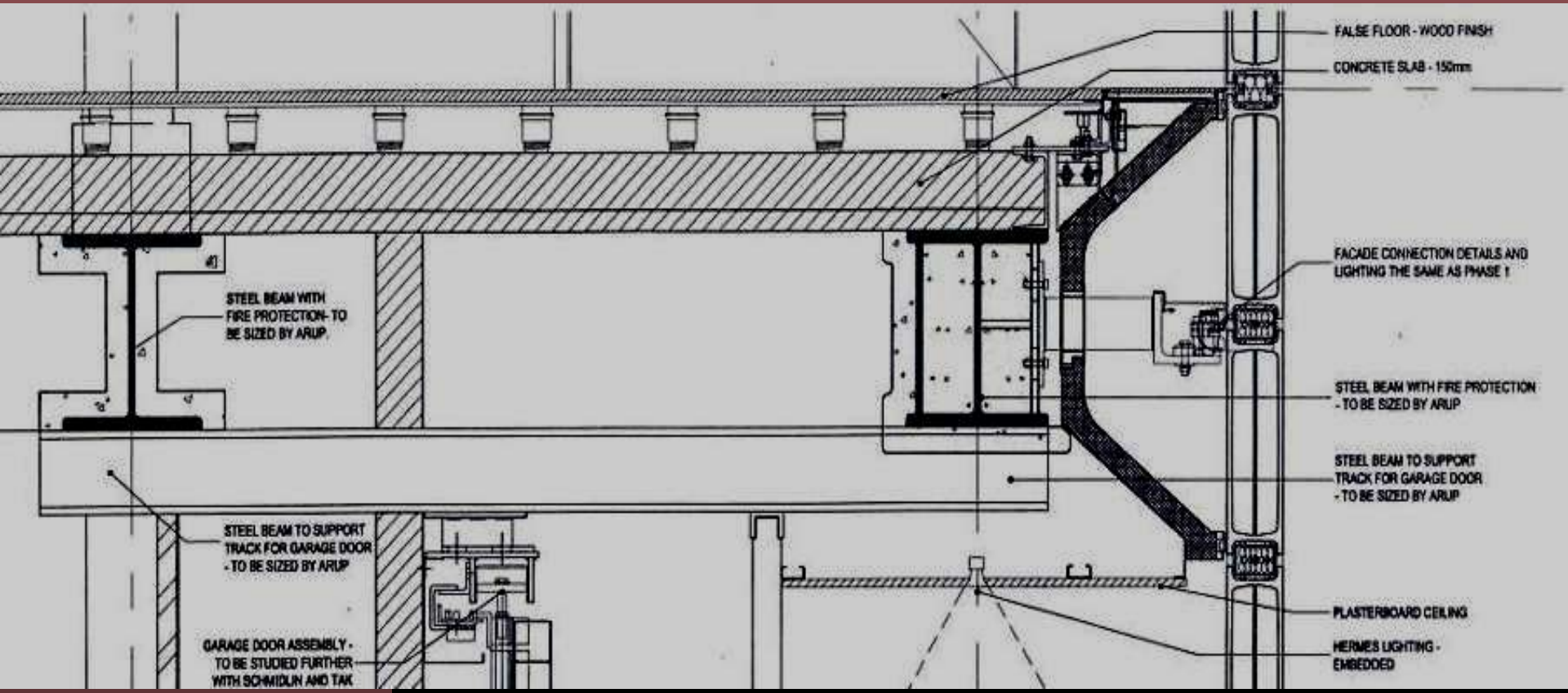
innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Maison Hermes, Tokyo / Japan



By Renzo Piano

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Welcome glassblock on air, Milan / Italy

By Alessandro Mendini

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Welcome glassblock on air, Milan / Italy

By Alessandro Mendini

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Palacio Termal, Panticosa / Spain

to create a **sensuous,** and **watery form** as a **language for the architecture.**

By B. Moneo & J. Brock

DESIGN **TECHNOLOGY** **BASIC**

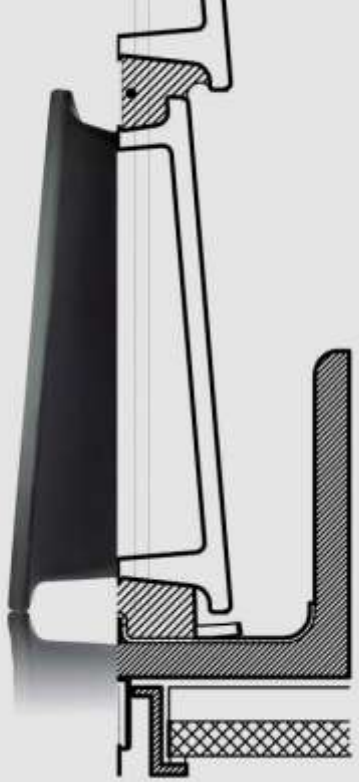
innovation aesthetic performance tradition

SEVES GLASS BLOCK

TAILOR MADE

Palacio Termal, Panticosa / Spain

Like the shingles or clapboards of Northern European or North American façade construction in wood, it would protect itself from the assault of strong rains and snow that frequently soak the Panticosa site



By B. Moneo & J. Brock

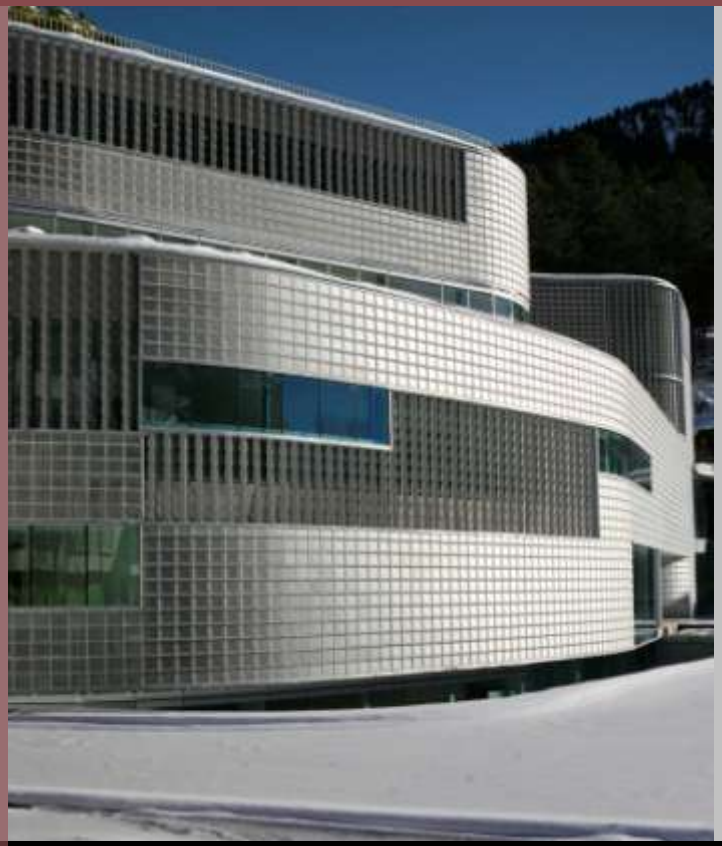
DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

TAILOR MADE

Palacio Termal, Panticosa / Spain

Panticosa Block
was designed as the
principal façade material
for the Palacio Termal
in Panticosa,
in the Spanish Pyrenees
of Huesca,
close to the border with
France.



By B. Moneo & J. Brock

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Palacio Termal, Panticosa / Spain

By B. Moneo & J. Brock

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

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TAILOR MADE

Palacio Termal, Panticosa / Spain

By B. Moneo & J. Brock

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic

performance

tradition

SEVES

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Palacio Termal, Panticosa / Spain

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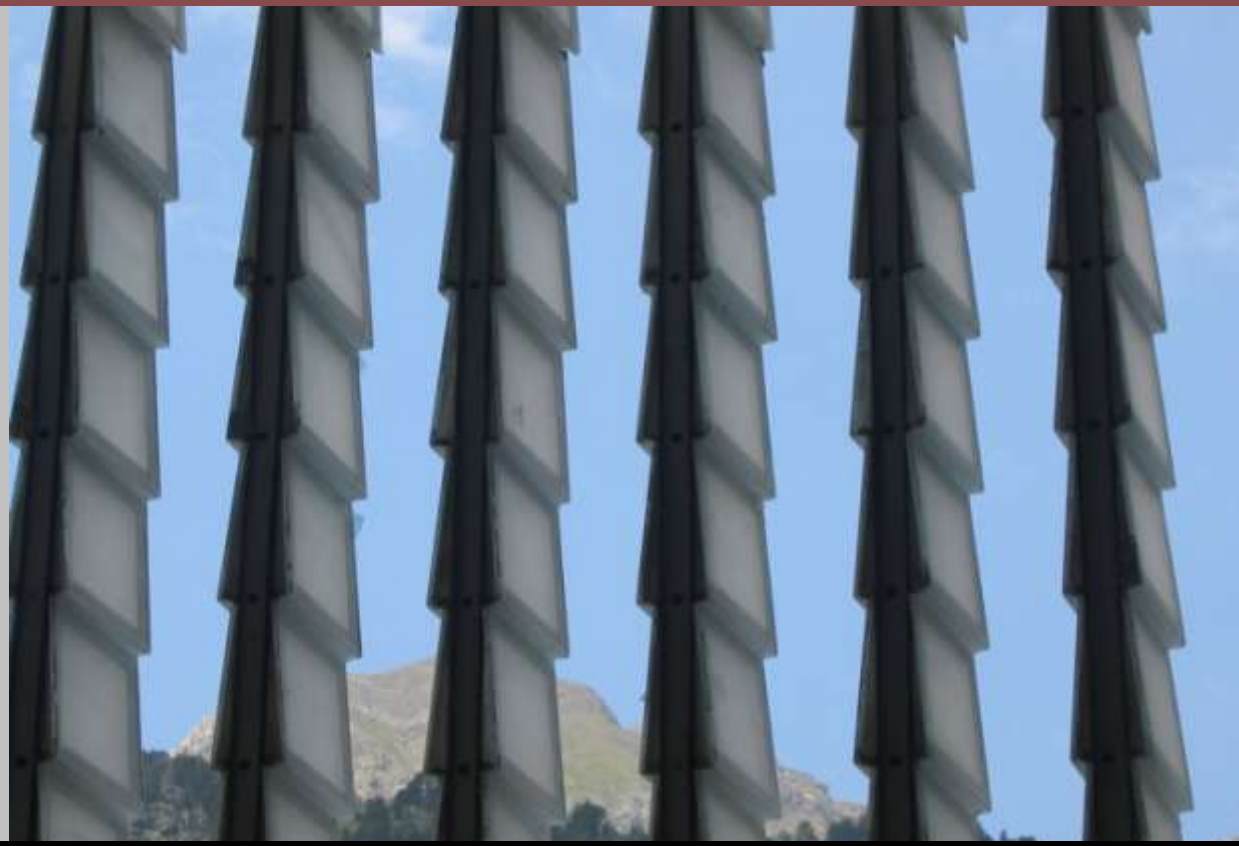

By B. Moneo & J. Brock

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

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Palacio Termal, Panticosa / Spain

By B. Moneo & J. Brock

DESIGN **TECHNOLOGY** **BASIC**

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SEVES

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TAILOR MADE

Palacio Termal, Panticosa / Spain

By B. Moneo & J. Brock

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

Between tradition and avant-garde.

The link between the past and the future

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

the new building was not supposed in any way to compete with the important role that the Guggenheim has acquired, on the other one it was to
manifest its public role
and establish, as far as possible, a

harmonious continuity with the university

By Rafael Moneo

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

TAILOR MADE

Deusto Library, Bilbao / Spain

These were the prior assumptions that prompted Rafael Moneo to approach Seves glassblock in order to create his own glass block - a material capable of combining excellent construction properties with unprecedented aesthetic and formal potential

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

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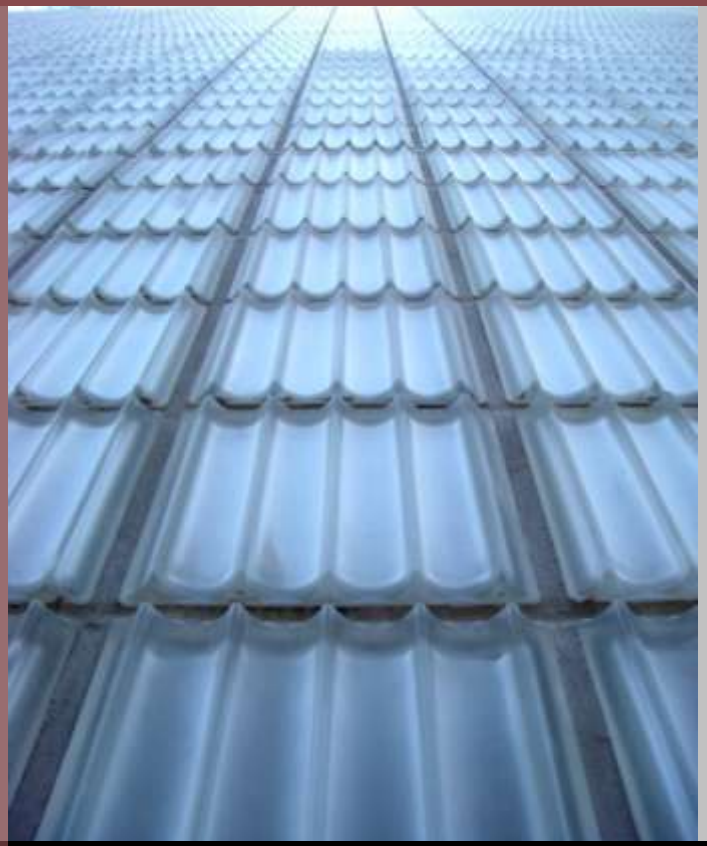

By Rafael Moneo

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

TAILOR MADE

Deusto Library, Bilbao / Spain

The surface of the Doric block -as the new glass block has been called- is enlivened by an interplay of grooves and reliefs that stick out about 20mm: it's the first time that a tridimensional decor in relief is created on the glass block surface

By Rafael Moneo

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

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DESIGN **TECHNOLOGY** **BASIC**

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aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Deusto Library, Bilbao / Spain

By Rafael Moneo

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES GLASS BLOCK

TAILOR MADE

Blue Station, Hannover / Germany

Dispite it's scale and dimensions this building tries nothing more than being a delicately made project for the appropriate.

By Hans Jorg Goritz

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

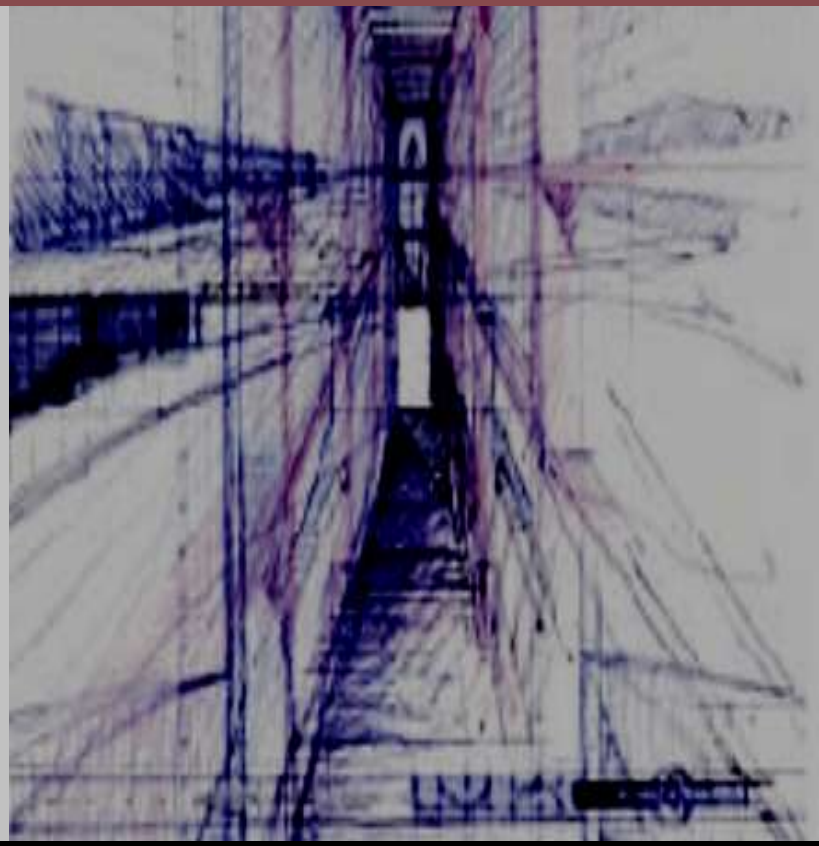
SEVES

SEVES GLASS BLOCK

TAILOR MADE

Blue Station, Hannover / Germany

Sober.
Modest.
Timeless



By Hans Jorg Goritz

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Blue Station, Hannover / Germany

Blue is the logo of railway company

A single principle melting with its rail blue devices to corporate identity.

By Hans Jorg Goritz

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Blue Station, Hannover / Germany

Any loadbearing element is materialized with fine blue pigment concrete, any top or side covering is materialized with custome made cobalt blue glass block

By Hans Jorg Goritz

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Beck's, Bremen / Germany

Green is

Beck's

beer bottle

By Shulze & Pampus PDA

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

TAILOR MADE

Beck's, Bremen / Germany

By Shulze & Pampus PDA

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

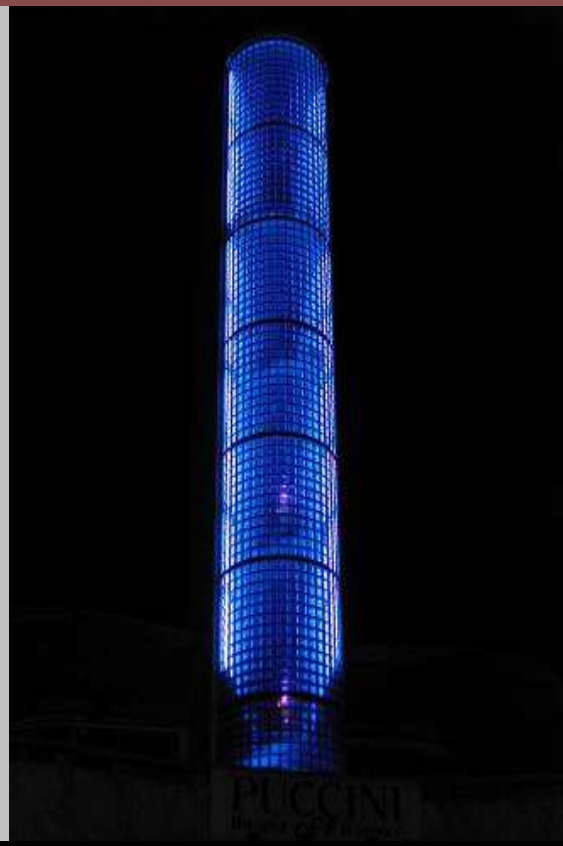
SEVES

SEVES GLASS BLOCK

TAILOR MADE

Torre Puccini, Firenze / Italy

The "new" becomes "old"



By Ferrini & Davighi

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Torre Puccini, Firenze / Italy

traditional green colour
on glass block
to give the
original effect
of the tower.

By Ferrini & Davighi

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Torre Puccini, Firenze / Italy

High thermal insulation values and better fire resistance capacities are the carachteristics of the new product with old vision.

By Ferrini & Davighi

DESIGN **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Buddha Lecture Room, Taichoung / Taiwan

Buddha design
to express the
architectural feeling with
continuous glass surface
and regular joints
on the facade.

By Daniel Tai

DESIGN | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TAILOR MADE

Buddha Lecture Room, Taichoung / Taiwan

By Daniel Tai

DESIGN **TECHNOLOGY** **BASIC**

innovation

aesthetic performance tradition

SEVES

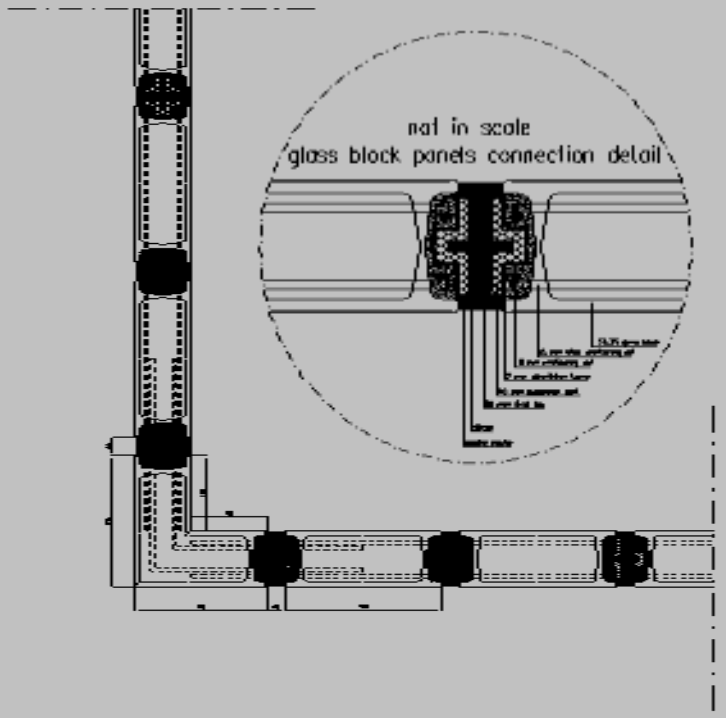
SEVES GLASS BLOCK

TAILOR MADE

Buddha Lecture Room, Taichoung / Taiwan

Continuous glass surface without any visual structural devision

33x33x12 cm glass block



By Daniel Tai

DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

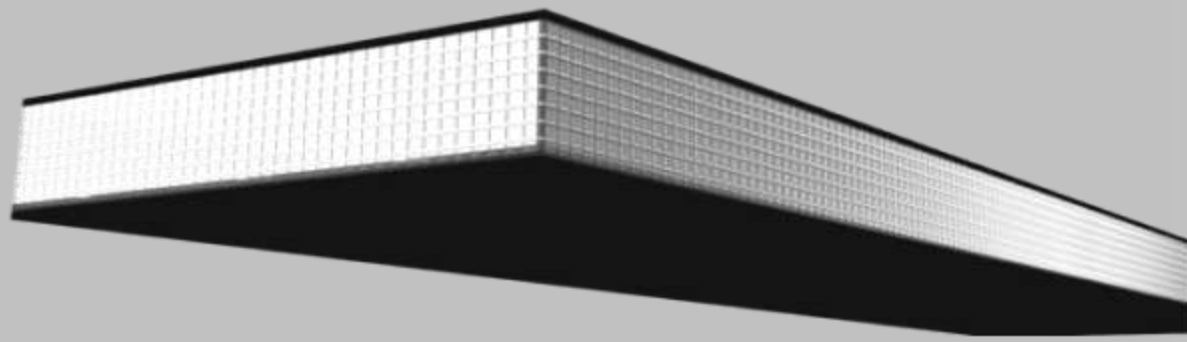
SEVES GLASS BLOCK

TAILOR MADE

Art Museum, Yi-lan / Taiwan

Burninx box in the sky

With
prefabricated panels
that resist to
strong wind load



By Hwang Shen Yuan

DESIGN	TECHNOLOGY	BASIC
innovation	aesthetic	performance	tradition

SEVES

SEVES GLASS BLOCK

DESIGN

From
MAISON HERMES,

…to **PEGASUS®,**

A new concept of glass block that eliminates the joints

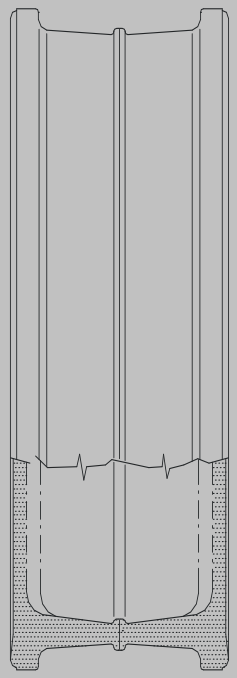
TAILOR MADE | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

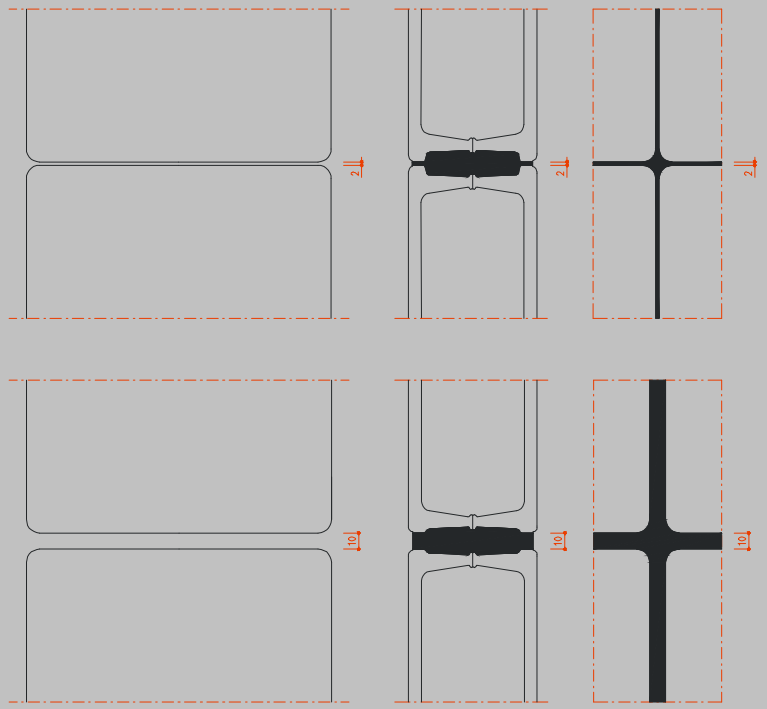
SEVES

SEVES GLASS BLOCK

DESIGN



characterized by a 6 mm external edge that reduces gaps to
just 2 mm
is the product of technological innovations realized for the Hermès project. The result is an
all glass wall!



TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

The technical features
are unchanged
but improved with;
Resistance to breakage
Resistance to
compression
Thermal shock
Heat insulation
Sound proof
Fire resistant

TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

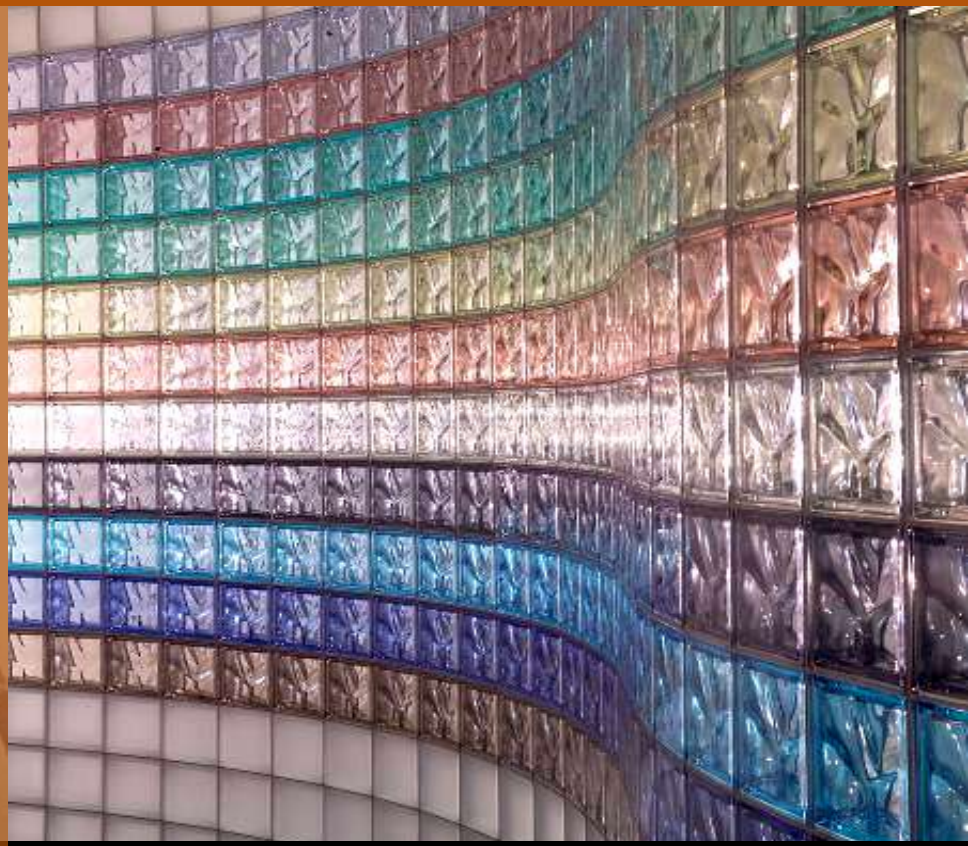
SEVES

SEVES GLASS BLOCK

DESIGN

The transparency is a life style

Colour is its espression



TAILOR MADE | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

A new
colour concept

With
Mendini collection

TAILOR MADE

TECHNOLOGY

BASIC

innovation

aesthetic

performance

tradition

SEVES

SEVES GLASS BLOCK

DESIGN

That inspires

To the nature……

TAILOR MADE

TECHNOLOGY

BASIC

innovation

aesthetic

performance

tradition

SEVES

SEVES GLASS BLOCK

DESIGN

TAILOR MADE | TECHNOLOGY | BASIC

innovation | **aesthetic** | performance | tradition

DESIGN

Metallization:
pegasus exclusive

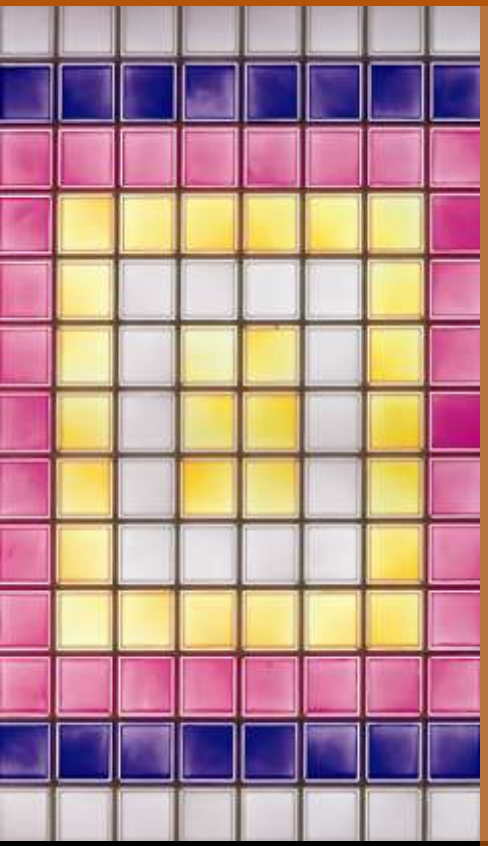
The metallization is the application of special mirroring to the edges of the glass blocks.

TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES GLASS BLOCK

DESIGN



This gives the individual blocks and, thus, the whole wall, a **silver reflective effect;**

an **“all-glass wall”** With colours, a greater **chromatic intensity and brilliance**

TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES GLASS BLOCK

DESIGN

TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN Conbipel shoping center, Florence / Italy

TAILOR MADE | By Studio Bacocchi | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

Conbipel shoping center, Florence / Italy

TAILOR MADE | By Studio Bacocchi | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN Glass Labyrint, tuscany / Italy

TAILOR MADE | By Jeff Saward | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN Swimming pool, Udine / Italy

TAILOR MADE | By Ing. Pascoli | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

Swimming pool, Udine / Italy

TAILOR MADE | By Ing. Pascoli | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN Teleferic, Luzern / Switzerland

TAILOR MADE By Mario Botta **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

DESIGN

Teleferic, Luzern / Switzerland

TAILOR MADE | By Mario Botta | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN Sabah media center, Izmir / Turkey

TAILOR MADE | By Halidun Uyak | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN Sabah media center, Izmir / Turkey

TAILOR MADE By Halidun Uyak **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

DESIGN Santo Volto di Gesu, Rome / Italy

TAILOR MADE | By Studio Sartogo | TECHNOLOGY | BASIC

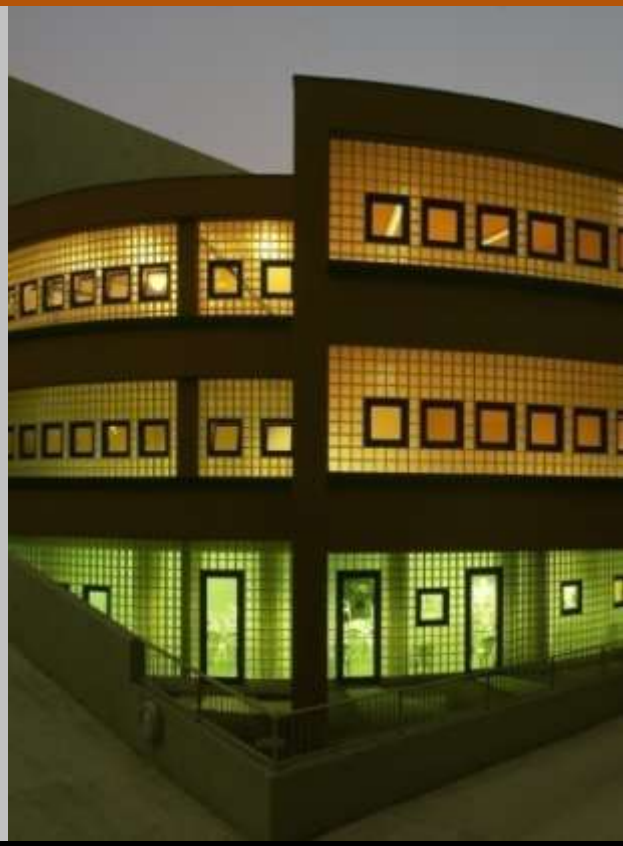
innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

Santo Volto di Gesu, Rome / Italy



TAILOR MADE | By Studio Sartogo | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

OSU 301 shopping center, Tokyo / Japan

TAILOR MADE | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

Bussines center, Hamburg / Germany

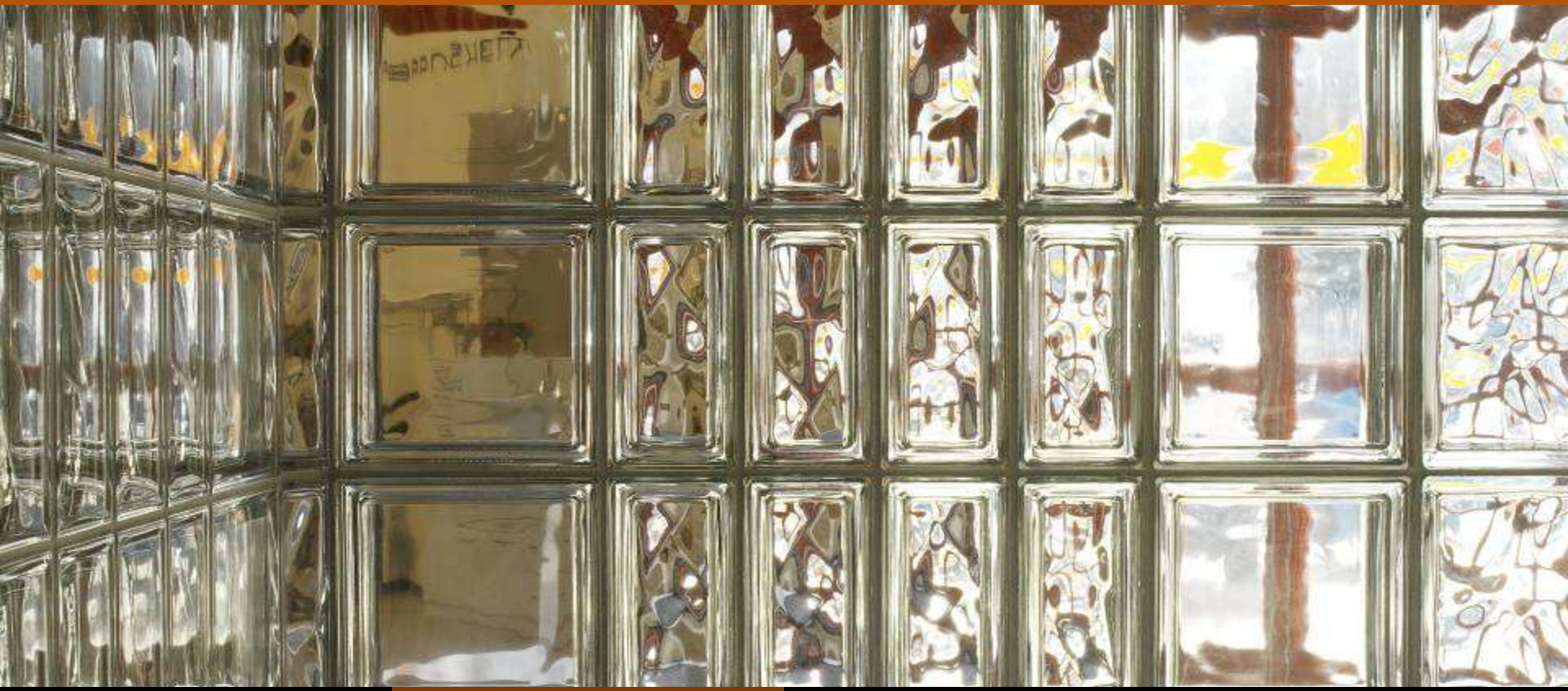
TAILOR MADE | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN



TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

DESIGN

TAILOR MADE | TECHNOLOGY | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

designed to meet specific technical and building requirements for special types of applications.
In addition to allowing the passage of light, it offers greater safety in terms of response to possible external events such as fire, intrusions, energy saving, etc.

TAILOR MADE | **DESIGN** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

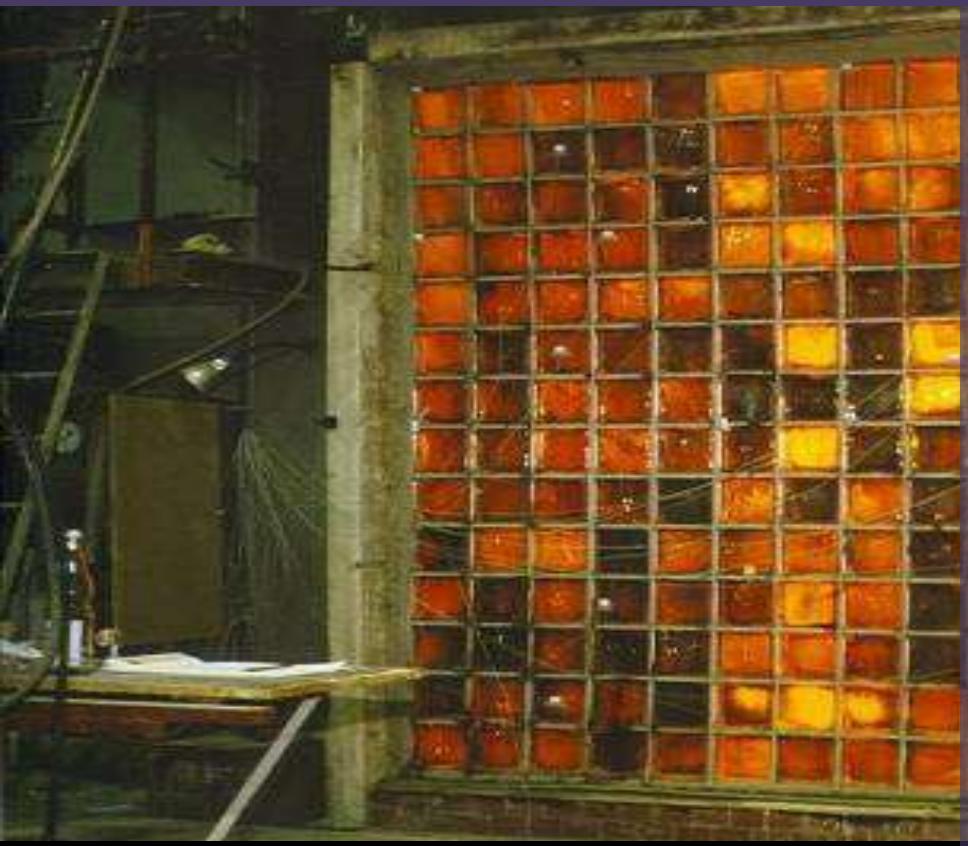
TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY



Fire resistant blocks

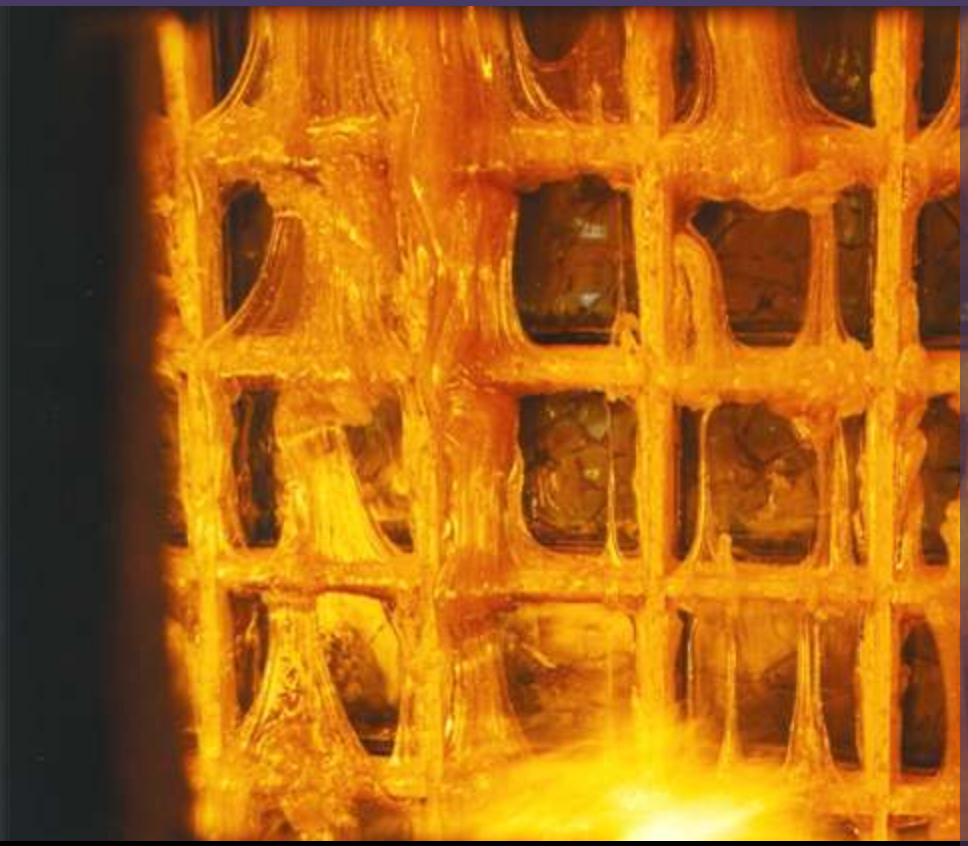
30, 60, 90

Minute
For vertical & horizontal structures

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

TECHNOLOGY



EN 357

defines different fire protection classes

E / EI / REI

TAILOR MADE | **DESIGN** | **BASIC**

innovation | aesthetic | performance | tradition

TECHNOLOGY

E

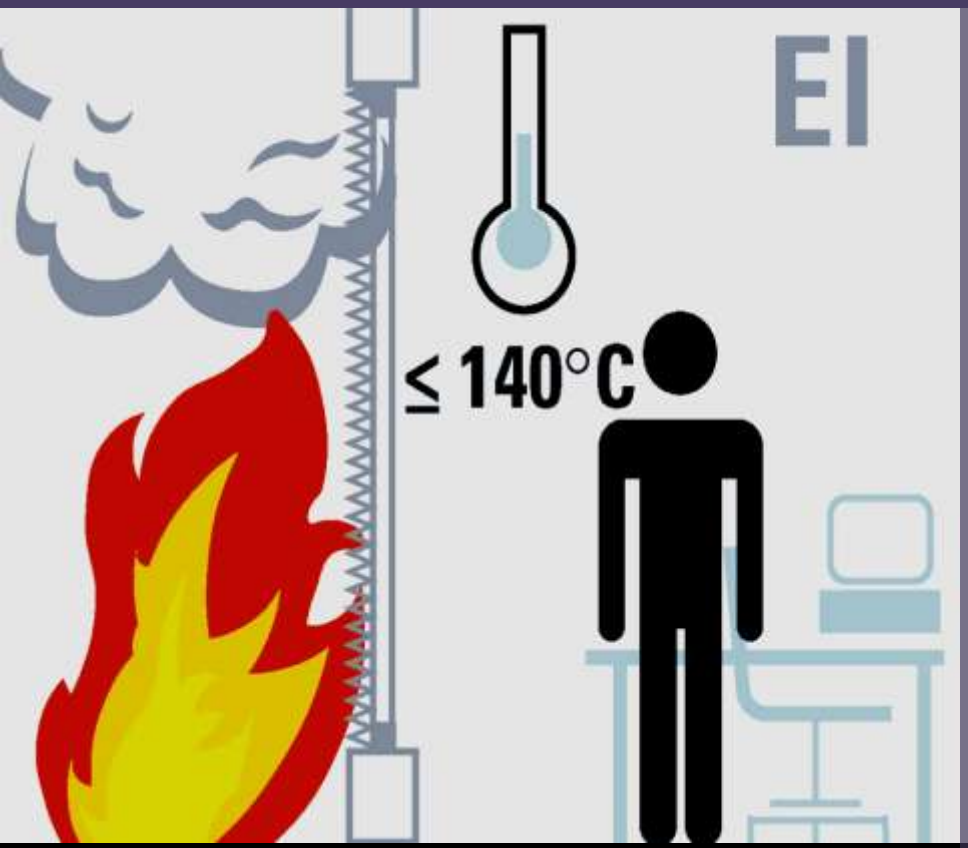
“Integrity”

30’/60’/90’

Structure’s mechanical resistance to flame and ability so seal off gas, vapours

TAILOR MADE **DESIGN** **BASIC**

innovation aesthetic performance tradition

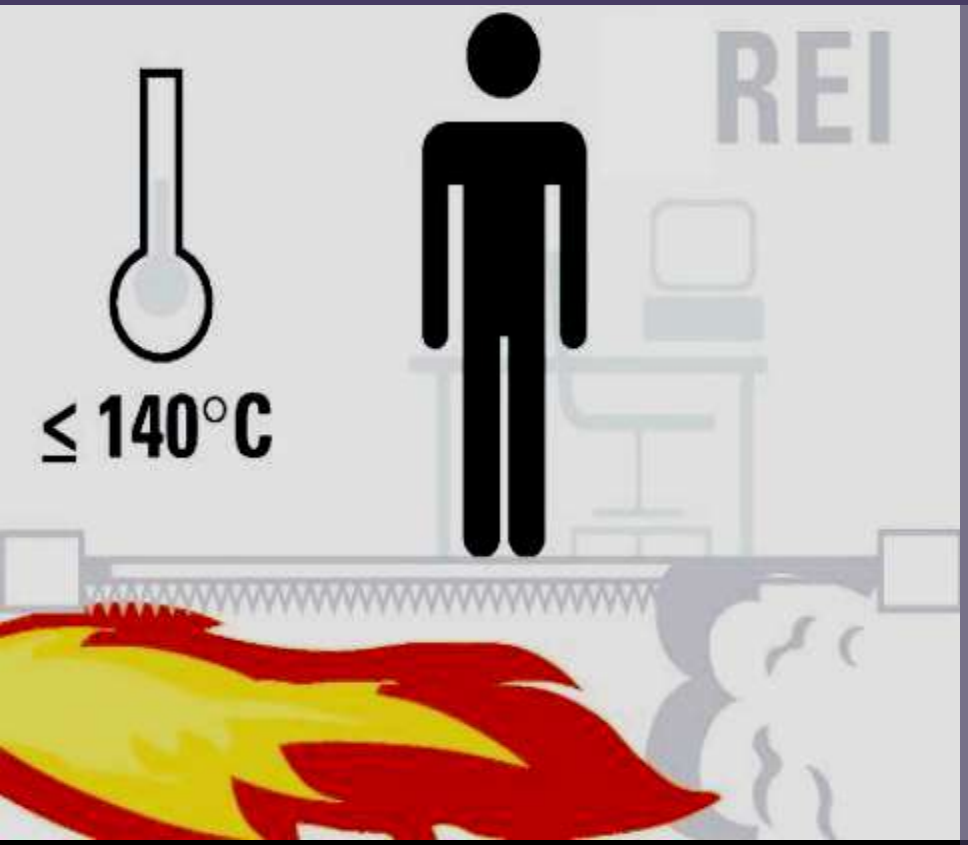


EI

“Insulation”

30’/60’/90’

Structure’s ability to limit heat transmission



REI

“Resistance”

30’/60’/90’

Structure’s ability to limit heat transmission under load

TECHNOLOGY

Class EN 1522	Model	Weapon	Calibre
FB 1	19x19x8 cm	Rifle	.22 LR
FB 3	198 BSH 20 F 1930	Pistol	.357 Magnum
FB 6	F 1960	Rifle	7,62x51
FB 7	F 1990	Rifle	7,62x51

Bullet resistance

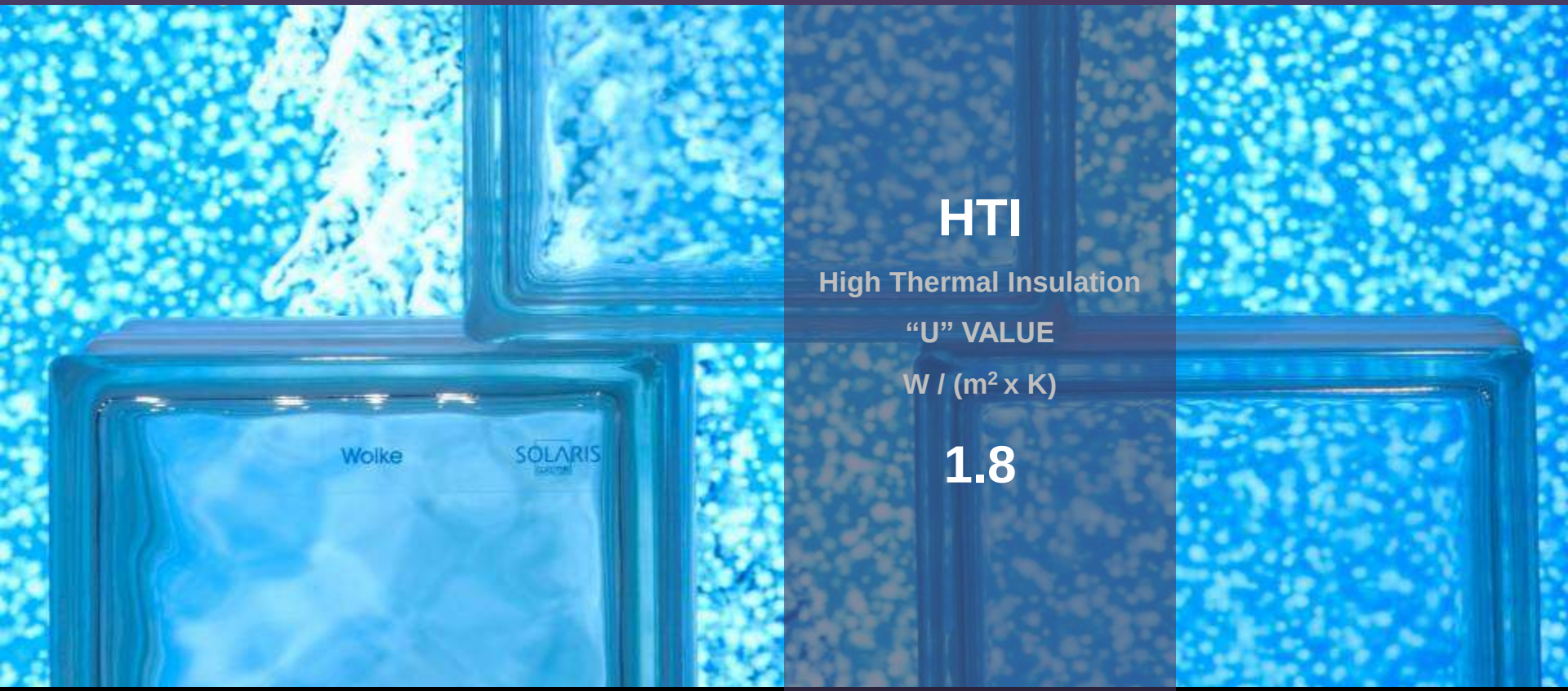
TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY



HTI

High Thermal Insulation

“U” VALUE

W / (m² x K)

1.8

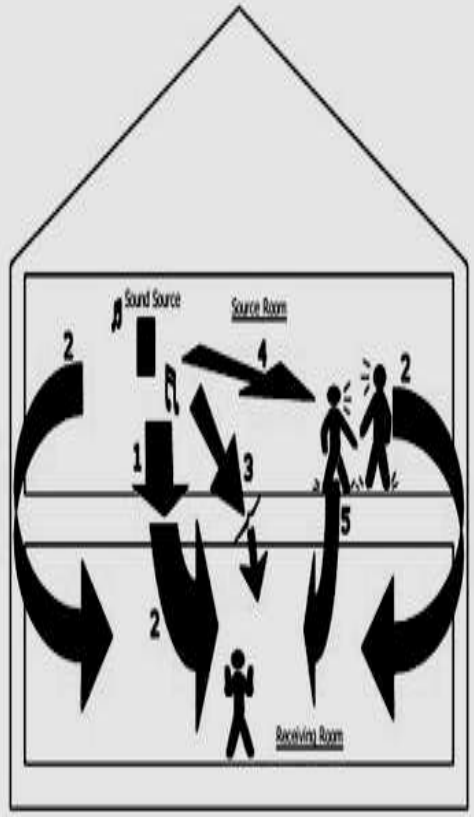
TAILOR MADE | **DESIGN** | **BASIC**

innovation | aesthetic | performance | tradition

	Recommended Range for Background Noise dB
Multi-family homes	35-40
Bedrooms in residences	30-35
Private offices	40-45
Meeting rooms	35-40
Bedrooms in hotels, etc.	35-40
Classrooms up to 300 m^3	35-40
Cafeterias	40-45
Large lecture rooms	30-35
Libraries	40-45

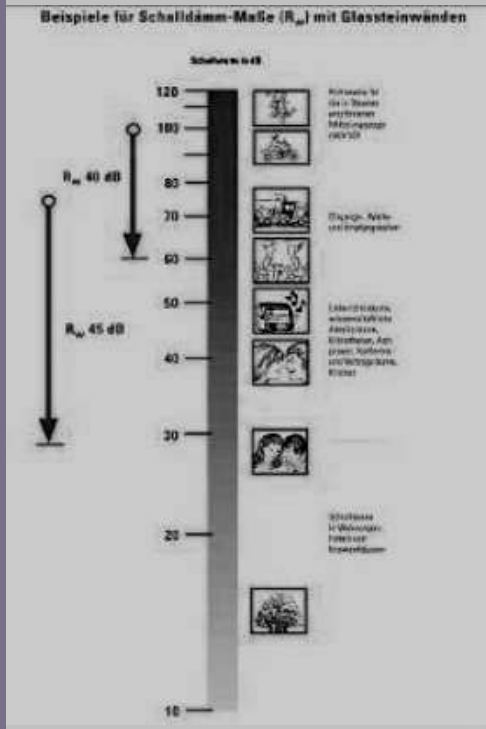
Sound Insulation

Suggested acoustical criteria for some occupancies

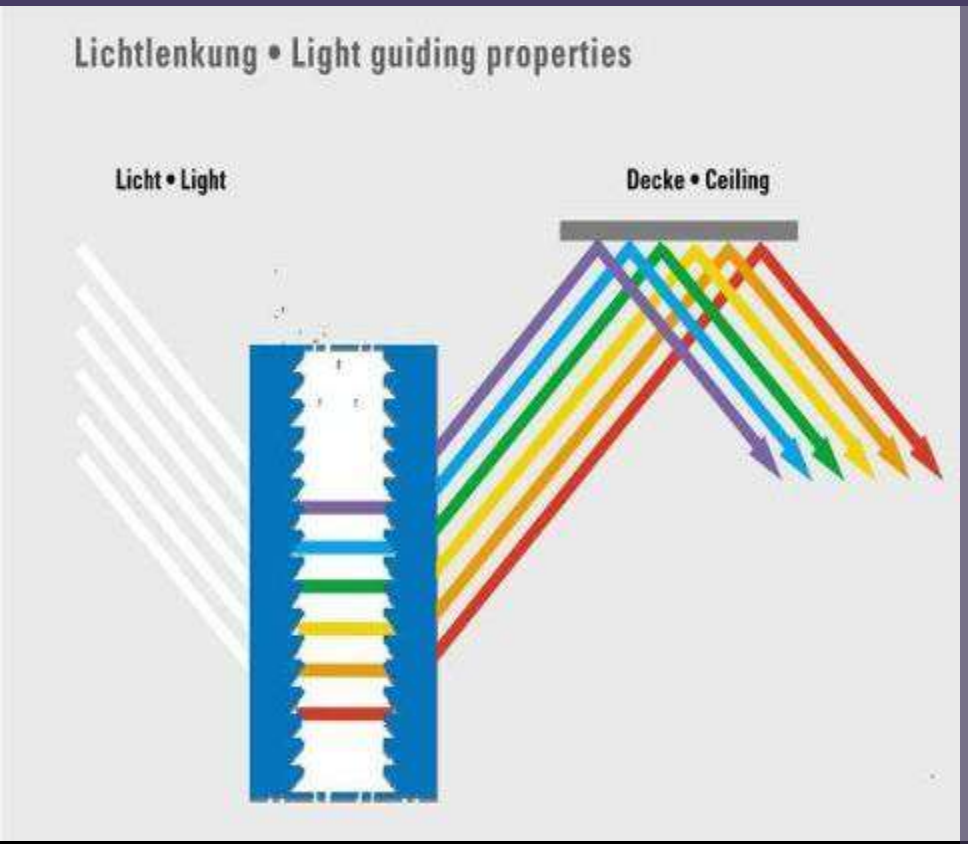


Model	Sound Reduction (dB)
19x19x8	40
198 BSH 20	45
F 1930	45
F 1960	47
F 1990	49
24x24x8	42
30x30x10	41

Sound Insulation



TECHNOLOGY



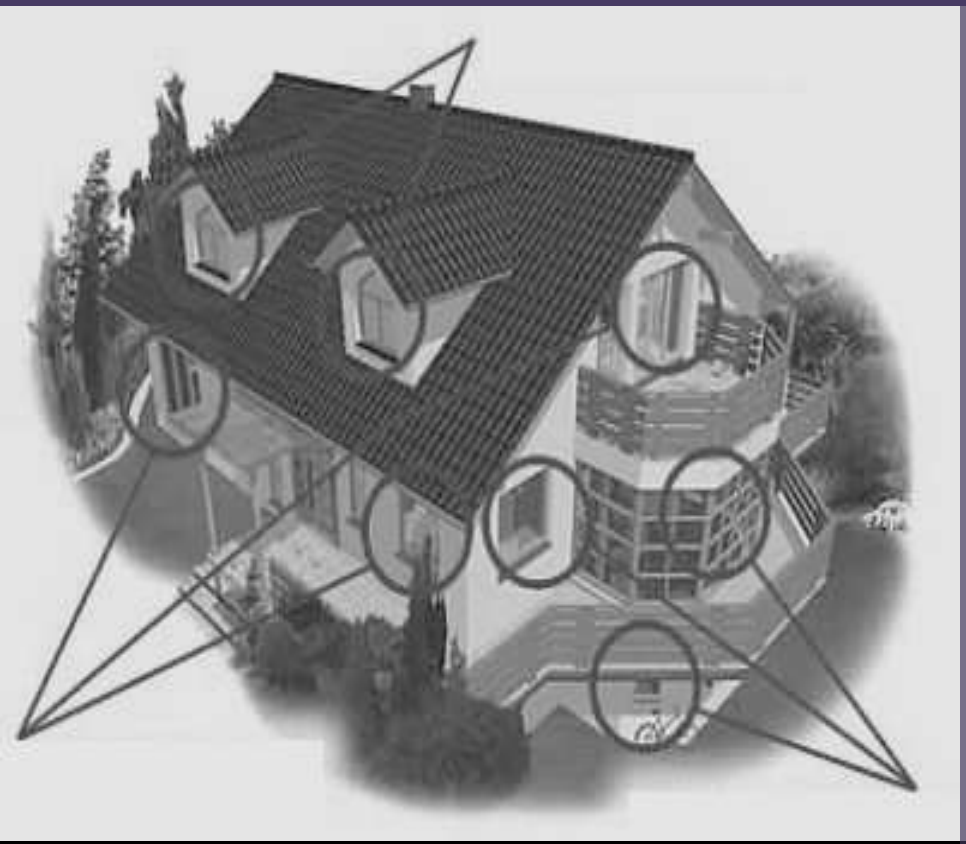
light adjustment

Light directing
Light diffusing

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

TECHNOLOGY



TRANSPARENCY WITH GREATER SAFETY

198 BSH 20 glass block line has a **higher vitreous mass** thus making the blocks **more resistant to breakage**. Particularly suitable for use in ambient which demand high safety standards.

TAILOR MADE **DESIGN** **BASIC**

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

Sound Insulation	Flat glass	SEVES Glass Block	WALL
Rw = 51 dB			Full Brick (12x25x5,5 cm) 30 mm plaster | Brick | 10 mm plaster
Rw = 49 dB		F 1990	
Rw = 47 dB		F 1960	
Rw = 45 dB		198 BSH 20 F 1930	
Rw = 43 dB			Hole Brick (8x25x5,5 cm) 20 mm plaster | Brick | 10 mm plaster
Rw = 42 dB			Hole Brick (23,8x37,3x11,5 cm) 20 mm plaster | Brick | 10 mm plaster
Rw = 42 dB		24 x 24 x 8	
Rw = 41 dB		30 x 30 x 8	
Rw = 40 dB		19 x 19 x 8	
Rw = 33 dB	Double glazing 4 mm | inner tube 12 mm (Gas Argon 90%) | 4 mm		
Rw = 33 dB	Standard glass (10 mm)		
Rw = 31 dB	Double glazing 4 mm | inner tube 12 mm (Gas) | 4 mm		
Rw = 29 dB	Double glazing 4 mm | inner tube 12 mm | 4 mm		
Rw = 27 dB	Standard glass (4 mm)		

TAILOR MADE | DESIGN | Material comparison | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

Thermal insulation	Flat glass	SEVES Glass Block	WALL
1,1 W (m² • k)	Double glazing 6 mm | inner tube 12 mm (Gas Argon 90 %)| 6 mm		
1,3 W (m² • k)	Double glazing 4 mm | inner tube 12 mm (Gas) | 4 mm		
1,5 W (m² • k)		F 1990	
1,7 W (m² • k)			Full Brick (12x25x5,5 cm) 30 mm plaster | Brick | 10 mm plaster
1,8 W (m² • k)		HTI	
1,9 W (m² • k)			Hole Brick (23,8x37,3x11,5 cm) 20 mm plaster | Brick | 10 mm plaster
2,6 W (m² • k)			Hole Brick (8x25x5,5 cm) 20 mm plaster | Brick | 10 mm plaster
2,7 W (m² • k)		Hermes	
2,8 W (m² • k)		19x19x8 & 30x30x10 (cm)	
2,9 W (m² • k)	Double glazing 4 mm | inner tube 12 mm | 4 mm		
3,3 W (m² • k)	Double glazing 4 mm | inner tube 6 mm | 4 mm		
5,7 W (m² • k)	Standard glass (10 mm)		
5,9 W (m² • k)	Standard glass (4 mm)		

TAILOR MADE | DESIGN | Material comparison | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

Visibol Light Transmision	Flat glass	SEVES Glass Block	WALL
91%	Standard glass (4 mm)		
88%	Standard glass (10 mm)		
82%		19 x 19 x 8	
80%		24 x 24 x 8	
80%	Double glazing 4 mm | inner tube 12 mm (Gas Argon 90%) | 4 mm		
79%	Double glazing 4 mm | inner tube 12 mm | 4 mm		
—			Hole Brick (23,8x37,3x11,5 cm) 20 mm plaster | Brick | 10 mm plaster
—			Hole Brick (8x25x5,5 cm) 20 mm plaster | Brick | 10 mm plaster
—			Full Brick (12x25x5,5 cm) 30 mm plaster | Brick | 10 mm plaster

TAILOR MADE | DESIGN | Material comparison | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

Fire Resistance	Flat glass	SEVES Glass Block	WALL
EI = 120	Fire resistant glass (PVB) Thicknes 5,2 cm		Concrete reinforced Thicknes 12 cm
EI = 90	Fire resistant glass (PVB) Thicknes 4,3 cm	BG, F 1990 19 x 19x 16 cm	Hole Brick (23,8x37,3x11,5 cm) 20 mm plaster | Brick | 10 mm plaster
EI = 60	Fire resistant glass (PVB) Thicknes 2,1 cm	BG, F 1960 19 x 19x 16 cm	Full Brick (12x25x5,5 cm) 30 mm plaster | Brick | 10 mm plaster
EI = 30	Fire resistant glass (PVB) Thicknes 1,2 cm	BG, F 1930 19 x 19x 8 cm	Hole Brick (8x25x5,5 cm) 20 mm plaster | Brick | 10 mm plaster
EI = 15		19 x 19 x 8 30 x 30 x 8	
–	Double glazing 4 mm | inner tube 12 mm (Gas Argon 90%) | 4 mm		
–	Double glazing 4 mm | inner tube 12 mm (Gas) | 4 mm		
–	Double glazing 4 mm | inner tube 12 mm | 4 mm		
–	Standard glass (10 mm)		

TAILOR MADE | DESIGN | Material comparison | BASIC

innovation | aesthetic | performance | tradition

SEVES GLASS BLOCK

TECHNOLOGY

Light Proporties	Total energy transmission	Light transmission	Solar factor	Shading coefficient
SEVES Glass Block light diffusing	48%	50%	0,5	0,6
SEVES Glass Block satin finished	67%	70%	0,72	0,83
Double glazing 4 mm | inner tube 12 mm (Gas Argon 90%) | 4 mm	74%	83%	0,78	0,88
Flat glass (12 mm)	76%	88%	0,8	0,9
SEVES Glass Block transparent	79%	81%	0,82	0,95

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

Glass blocks for

Horizontal Structures

TAILOR MADE | **DESIGN** | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

19x19x7
14,5x14,5x5,5

11,7x11,7x6

Ø 11,7x6

16x16x3
20x20x2,2

20x20x2,2

16x16x3

All glass blocks for

Horizontal Structures

are suitable for

500 kg/m²

(5 kN/m² loads)

sand blasted
surface provides
anti-slippery
solutions

19x19x10

14,5x14,5x11

19x19x8

19x19x8

TAILOR MADE DESIGN

BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Liege Guillemins TGV station, Liege / Belgium **TECHNOLOGY**

TAILOR MADE DESIGN By Santiago Calatrava BASIC

innovation aesthetic **performance** tradition

SEVES

SEVES GLASS BLOCK

Liege Guillemins TGV station, Liege / Belgium **TECHNOLOGY**

TAILOR MADE DESIGN By Santiago Calatrava BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Liege Guillemins TGV station, Liege / Belgium **TECHNOLOGY**

TAILOR MADE **DESIGN** By Santiago Calatrava **BASIC**

innovation aesthetic **performance** tradition

SEVES

SEVES GLASS BLOCK

Liege Guillemins TGV station, Liege / Belgium **TECHNOLOGY**

TAILOR MADE DESIGN By Santiago Calatrava BASIC

innovation aesthetic **performance** tradition

SEVES

SEVES GLASS BLOCK

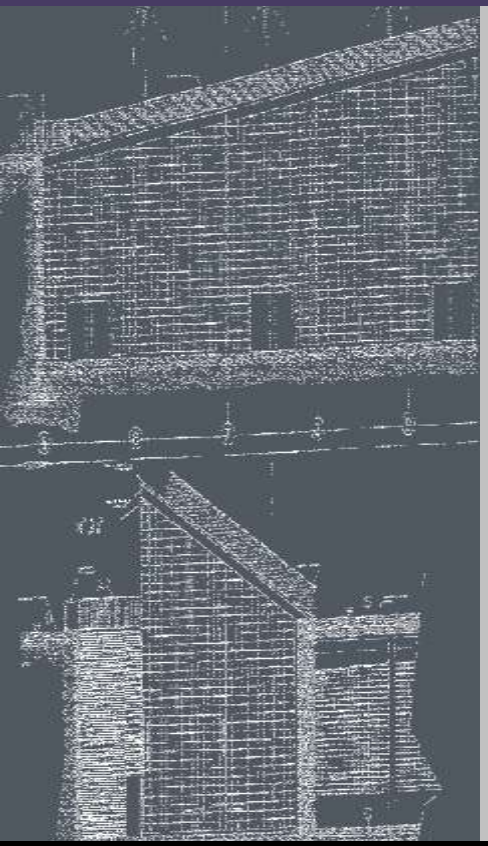
Pala Hockey for Olympics, Turin /Italy **TECHNOLOGY**

TAILOR MADE DESIGN By Iter Company BASIC

innovation aesthetic **performance** tradition

Pala Hockey for Olympics, Turin /Italy

TECHNOLOGY



TAILOR MADE | **DESIGN** | By Iter Company | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

Pirelli Headquarter, Milan / Italy

TECHNOLOGY

TAILOR MADE | **DESIGN** | By Gregotti & Int. Associates | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

Leipzig Airport, Leipzig / Germany

TECHNOLOGY

TAILOR MADE | DESIGN | By AG Brunnert Plan GmbH | BASIC

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

Leipzig Airport, Leipzig / Germany

TECHNOLOGY

TAILOR MADE | **DESIGN** | By AG Brunnert Plan GmbH | **BASIC**

innovation | aesthetic | performance | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

SEVES

SEVES GLASS BLOCK

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

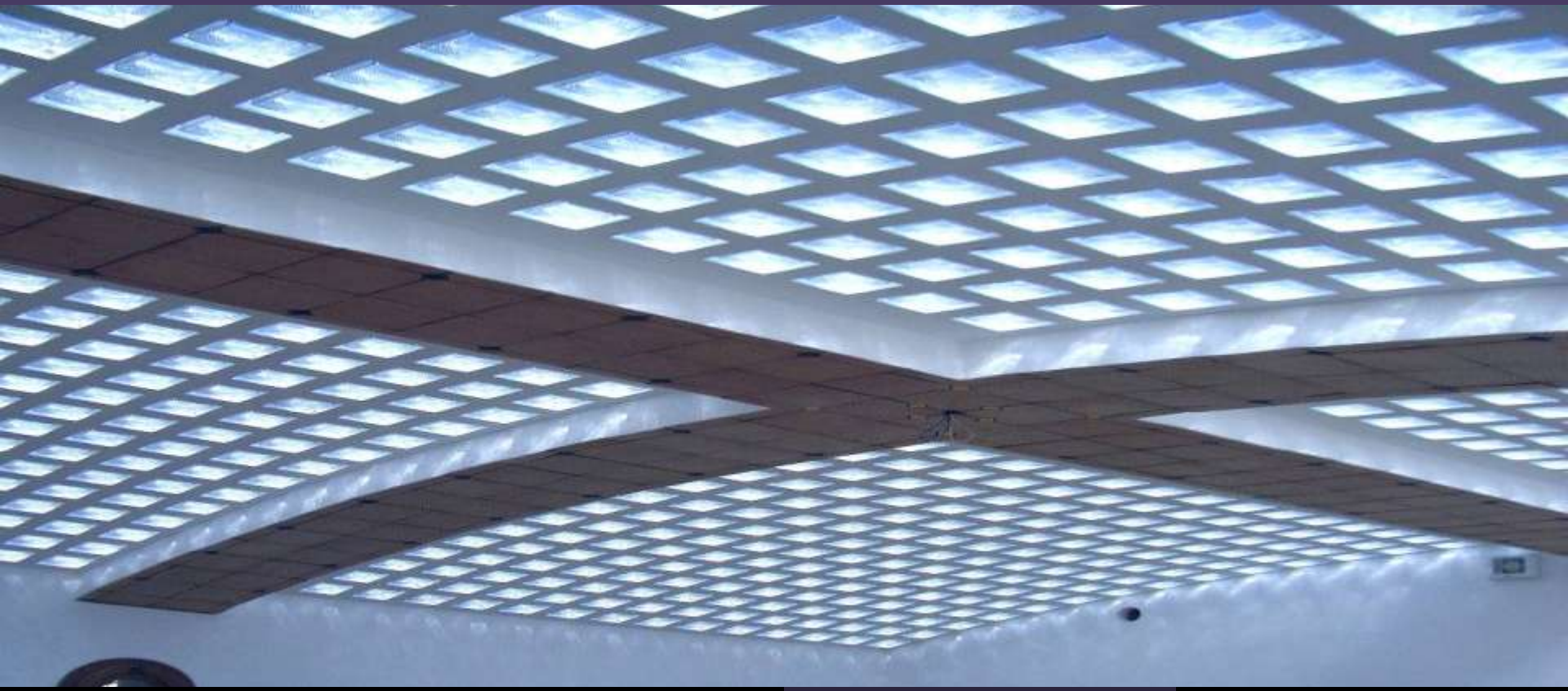
innovation | aesthetic | **performance** | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

TECHNOLOGY



TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | performance | tradition

TECHNOLOGY

TAILOR MADE | DESIGN | BASIC

innovation | aesthetic | **performance** | tradition

OTHER PROJECTS

TAILOR MADE DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

The reception center of “Updown court”, Taichung / Taiwan by Aura Architects & Ass.

TAILOR MADE **DESIGN** **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

The reception center of “Updown court”, Taichung / Taiwan by Aura Architects & Ass.

TAILOR MADE **DESIGN** **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Technology museum, Berlin / Germany by Ulrich Wolf & Helge Pitz

TAILOR MADE **DESIGN** **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Stock exchange, Amsterdam / Netherland by F. G. Hilgeman

TAILOR MADE **DESIGN** **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Jose Alvalade Stadium, Lisbon / Portugal by Tomas Taveira

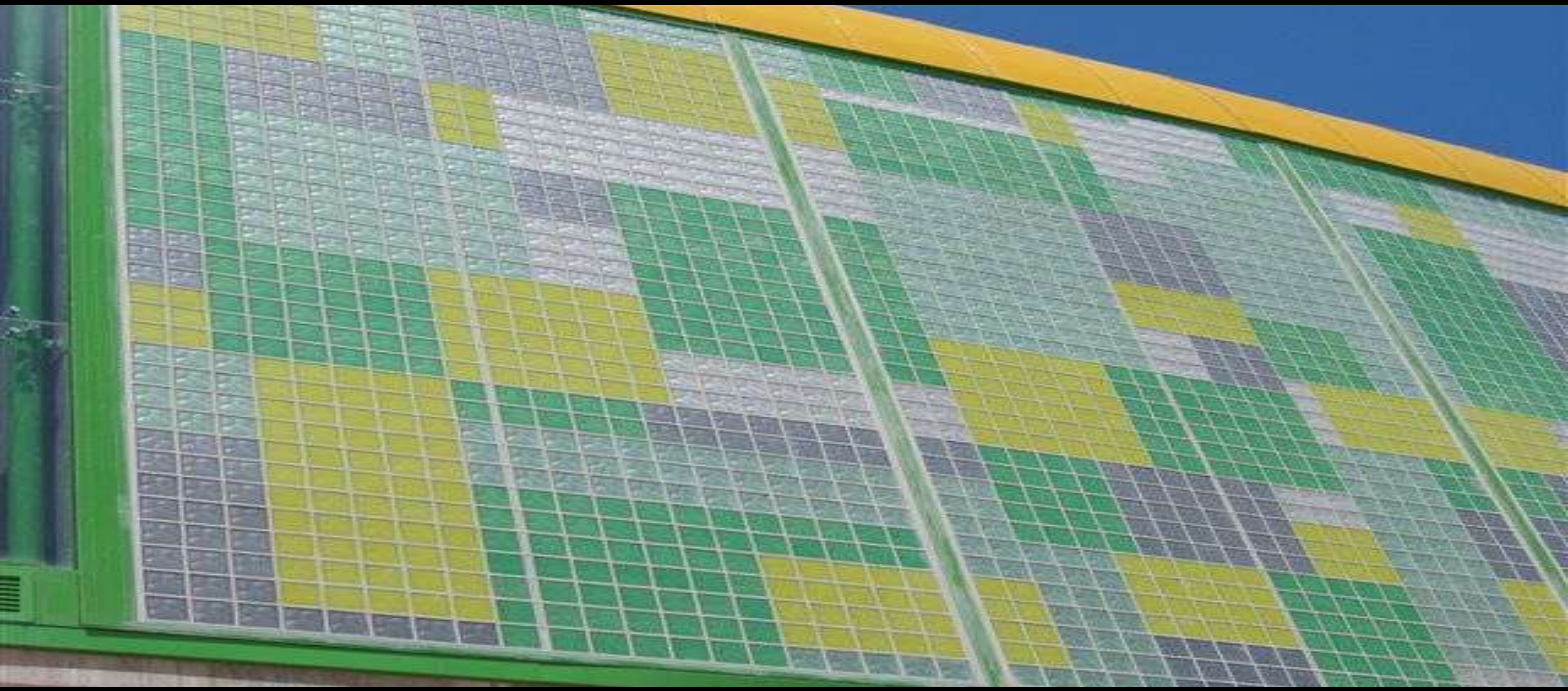
TAILOR MADE **DESIGN** **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Jose Alvalade Stadium, Lisbon / Portugal by Tomas Taveira



TAILOR MADE **DESIGN** **TECHNOLOGY** **BASIC**

innovation aesthetic performance tradition

SEVES

SEVES GLASS BLOCK

Malecon Tower, Buenos Aires / Argentina by Ripley Rasmus

TAILOR MADE DESIGN TECHNOLOGY BASIC

innovation aesthetic performance tradition

OTHERS

TAILOR MADE

DESIGN

TECHNOLOGY

BASIC

innovation

aesthetic

performance

tradition

OTHERS

TAILOR MADE | **DESIGN** | **TECHNOLOGY** | **BASIC**

innovation | aesthetic | performance | tradition