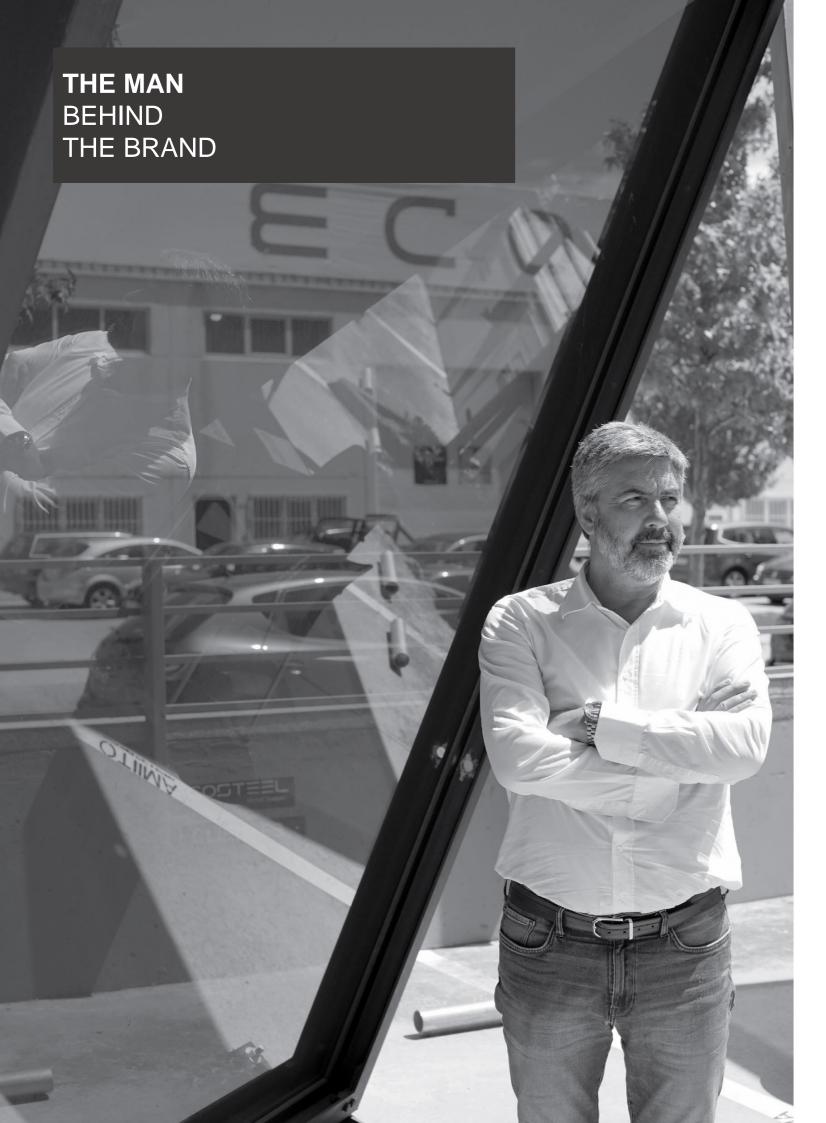


Much more than a Window.

www.muchmorethanawindow.com | info@muchmorethanawindow.com



"Ecosteel, (SA), is a company based surroundings Porto, with a leading position in the national and international market of the construction and metalworking sector through an aggregating offer of value and solutions, with the mission of being "Much more than the Window".

Since its foundation in 2013, it has been managed by the entrepreneur José Maria Ferreira, whose professional career has over 30 years of experience in the construction sector. Ecosteel represents a case of success and unique growth, which is reflected in the increase of the initial work group of approximately 30 employees to the current 200 employees.

Architects, mechanical and physical engineers, and 18 installation teams are part of the operating staff.

In 5 years, the MMTW Group represents an investment in the Amorim and Laúndos Industrial Zone of around 10M € and achieves a solid and reference position in the market through its strategy based on the combination of research, technology, industry and customized solutions which promote the highest design, comfort and safety requirements. Another differential is the search for the well-being of its work team, and a conscience and social responsibility, which is reflected not only in the conditions provided, but also in the support given to social causes and patronage in general - which extends from the support arts, humanitarian causes and even educational institutions in the country with merit awards.

The search for quality and added value in the daily life of the organization, associated with interdisciplinarity and support for the arts are a clear and differentiating example from the social and economic perspective.

Currently, it is part of a group of associated companies identified in the market under the brand name MMTW - Much More Than a Window, including Incons, a construction company with the oldest permit in Portugal.

In 2018, the consolidated turnover was 12M € and this year it is expected to reach 18 M €.

The market growth strategy is based on the constant improvement of the basic principles of the organization: quality, trust, innovation, technological development and the use of new materials in the construction and innovative solutions, systems, customization and new markets.

Ecosteel's main focus for next year is to approach markets in Latin America, Arab countries and Asia, these markets where it already operates and has completed works. Consolidating North African markets is also on the list of priorities for internationalization.

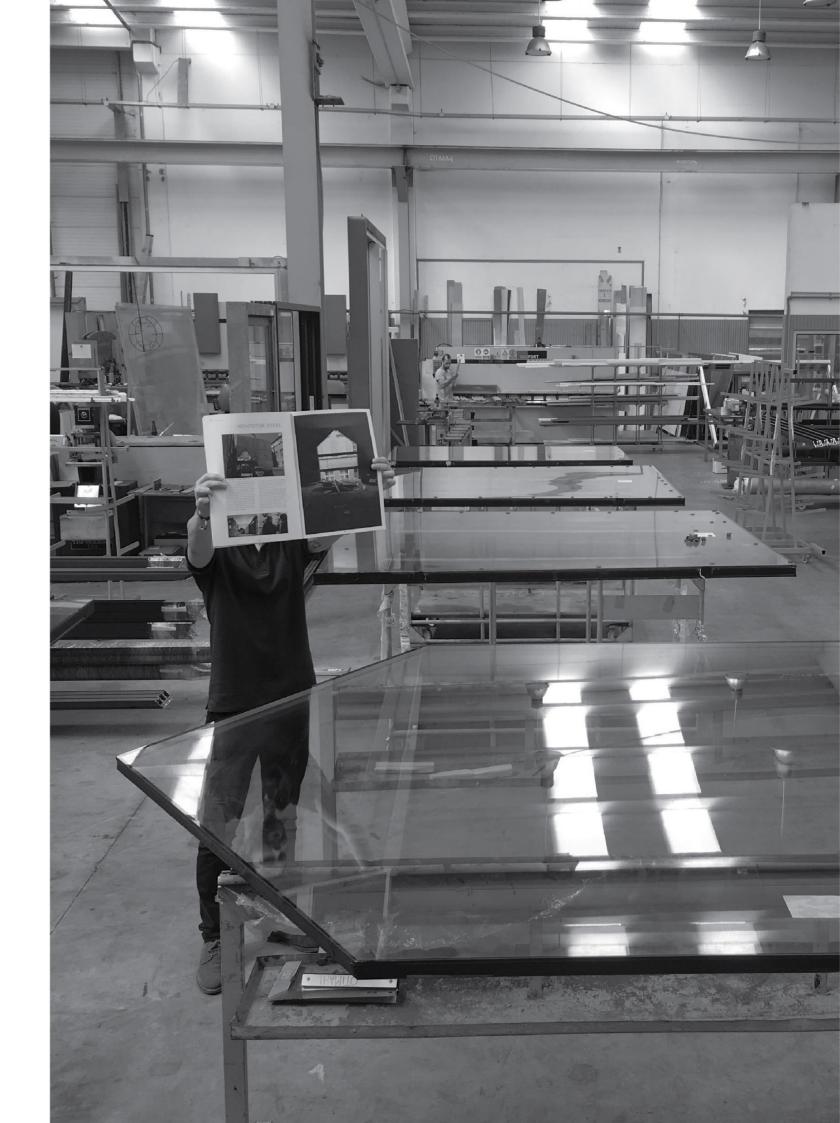
The company currently has a consolidation and internationalization project underway with an eligible investment of around 600,000€, and two innovation projects with an eligible investment of around 2,000,000€.

We highlight the PLUS SYSTEM is an internationally patented system, presenting aesthetically and technically superior, distinguishing itself from other similar systems in the market by the absence of any difference between the exterior and the interior, through the integration of the rim, profiles and gutter and horizontal rollers at zero q, and the innovative concealed locking system, which has no visible handle.

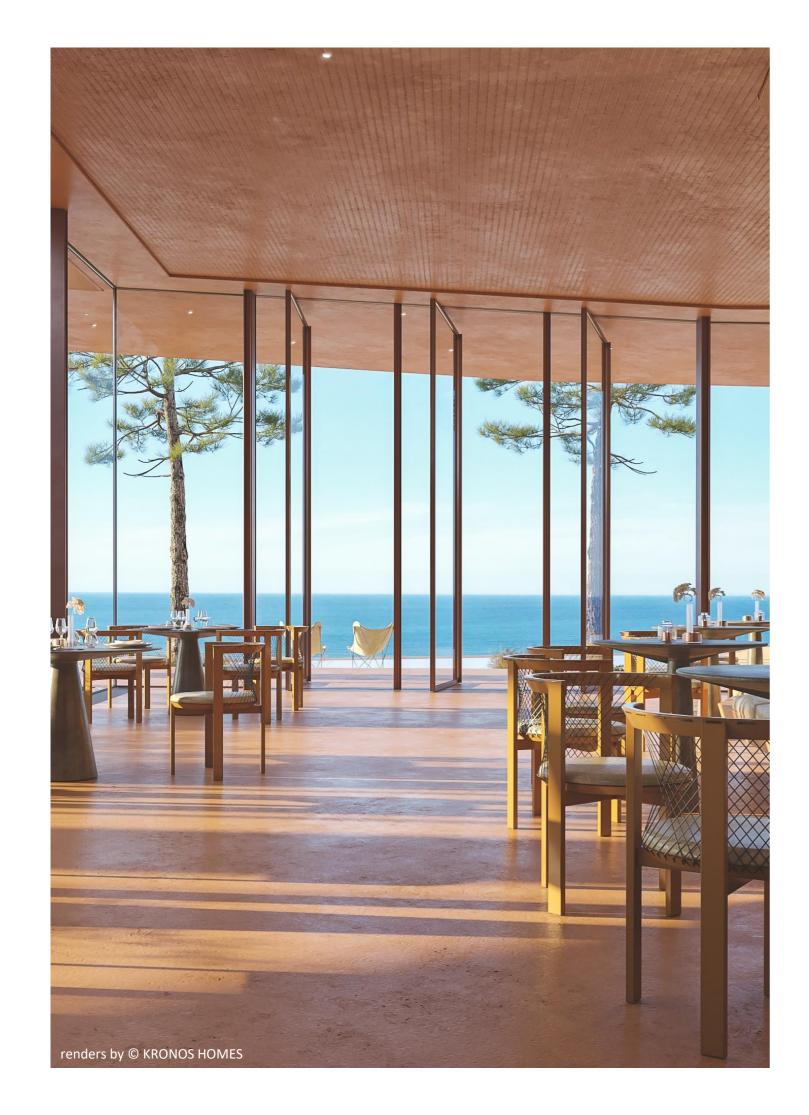
The special design of the profiles of this system also gives outstanding performance with regard to air and water permeability.

The FUSION SYSTEM is a system with no profile visible around the window perimeter. It is a system fully integrated in the finishing materials, which allows to integrate the window, as if it was fused with the building, making it a whole. The FUSION SYSTEM also incorporates a drainage system capable of channeling a large amount of rainwater even in extreme situations. This system has achieved exceptional leak testing results in the exceptional class E1650 (7 classes above class 9A) according to EN 12208 + ISO 1027.

Both systems have been recognized and awarded internationally with RED DOT AWARD - BEST PRODUCT DESIGN (2017), BATIMAT INOVATION AWARD (2017), and GERMAN DESIGN (2019).















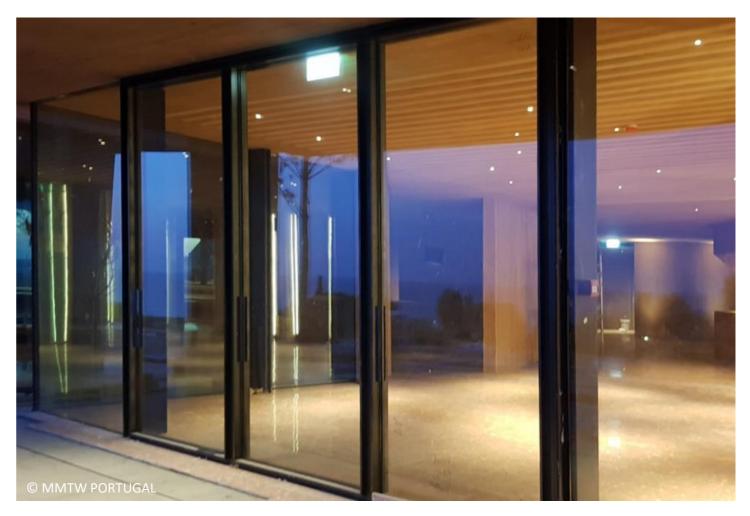




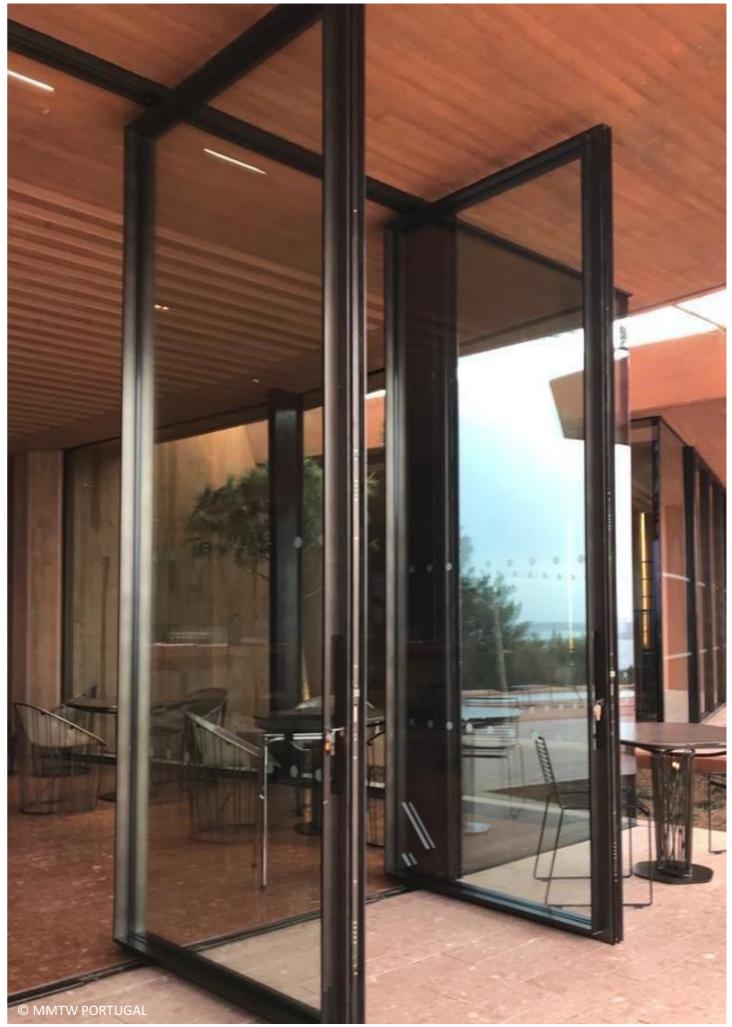




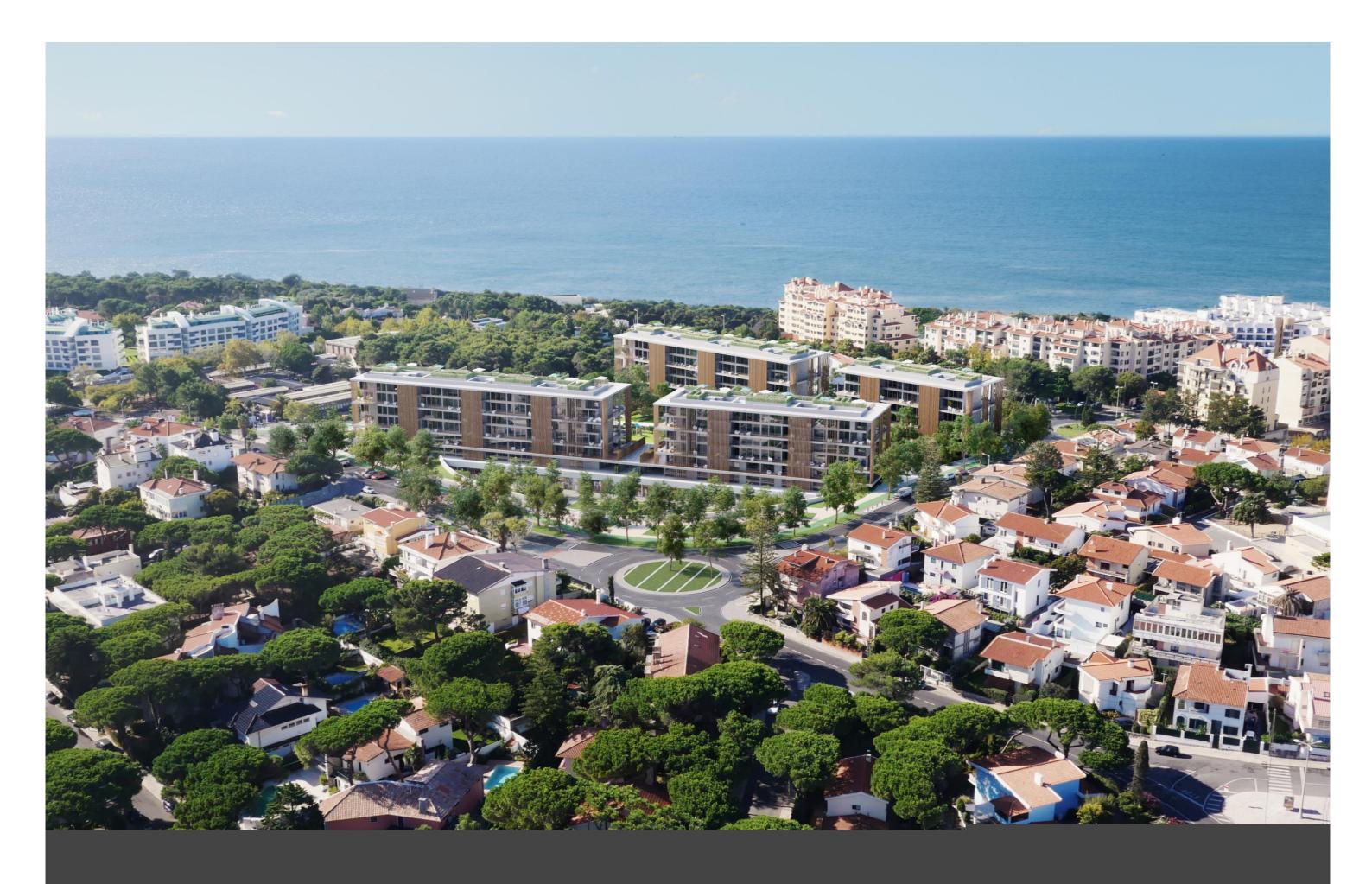
















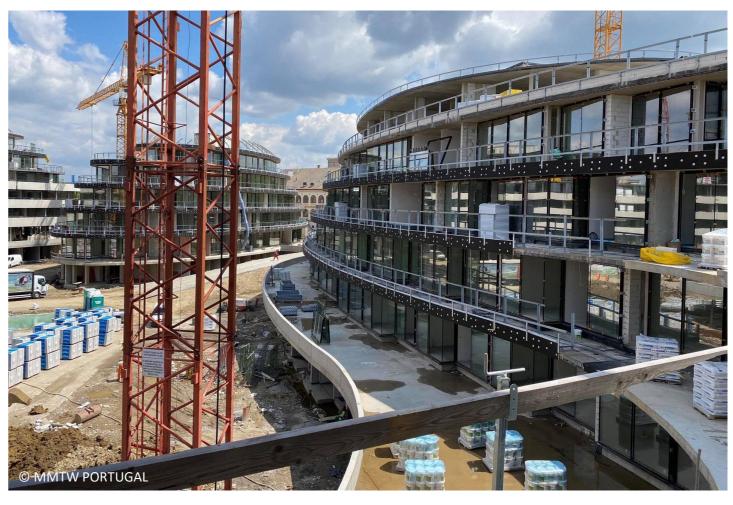
















© MMTW PORTUGAL

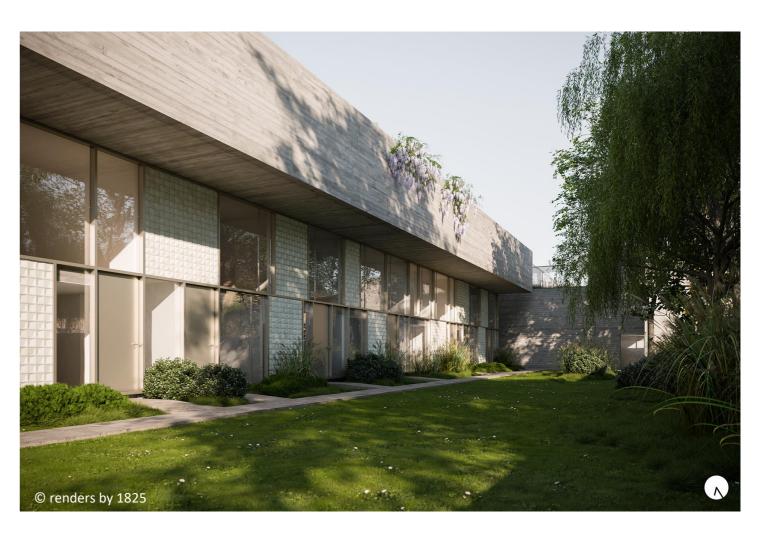


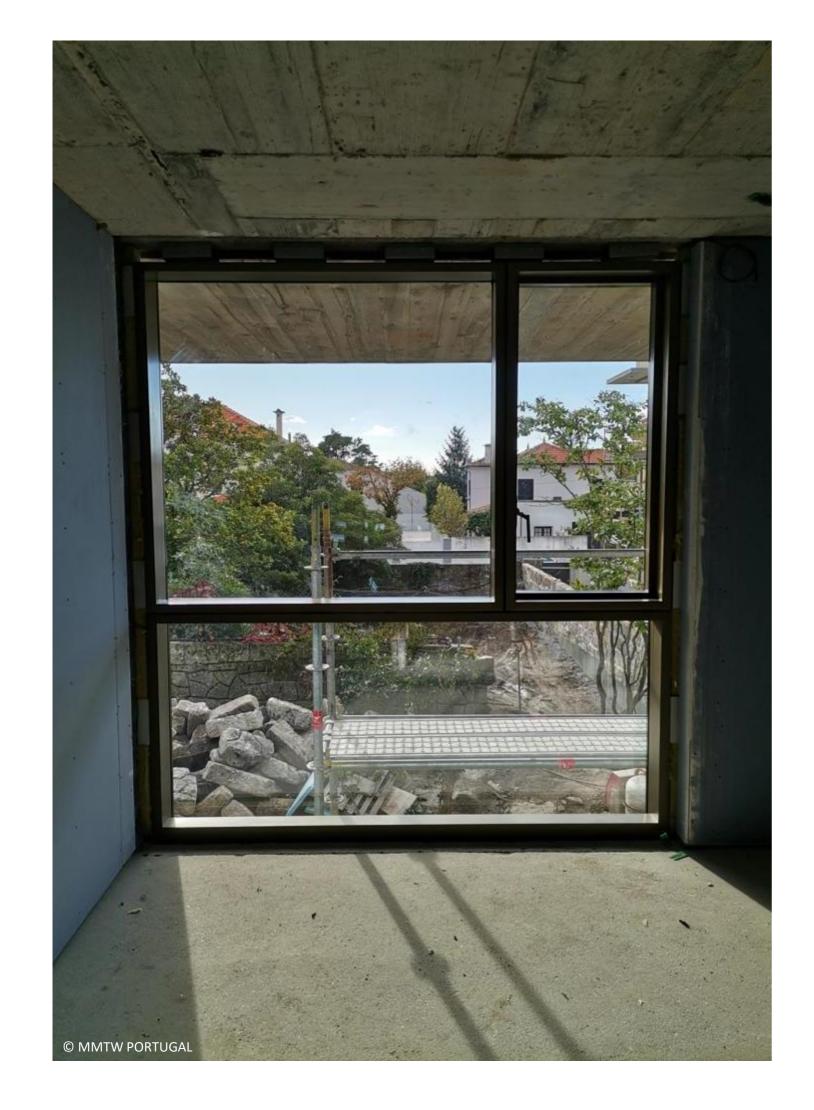




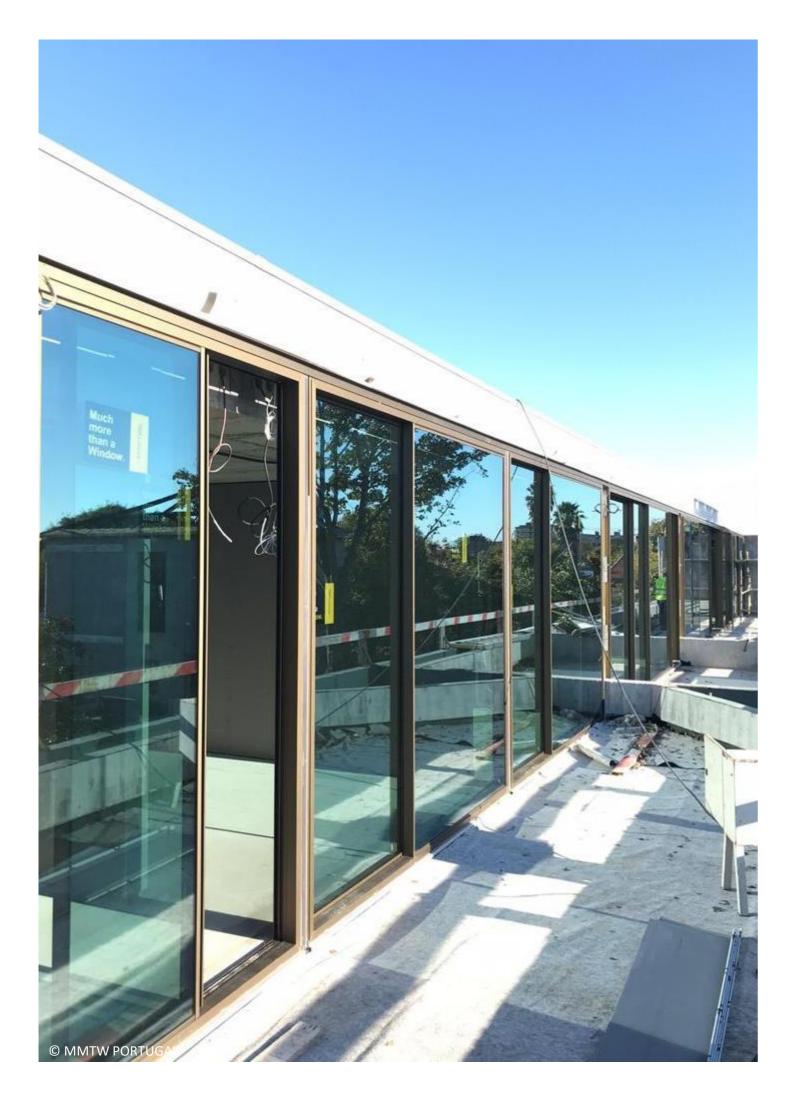


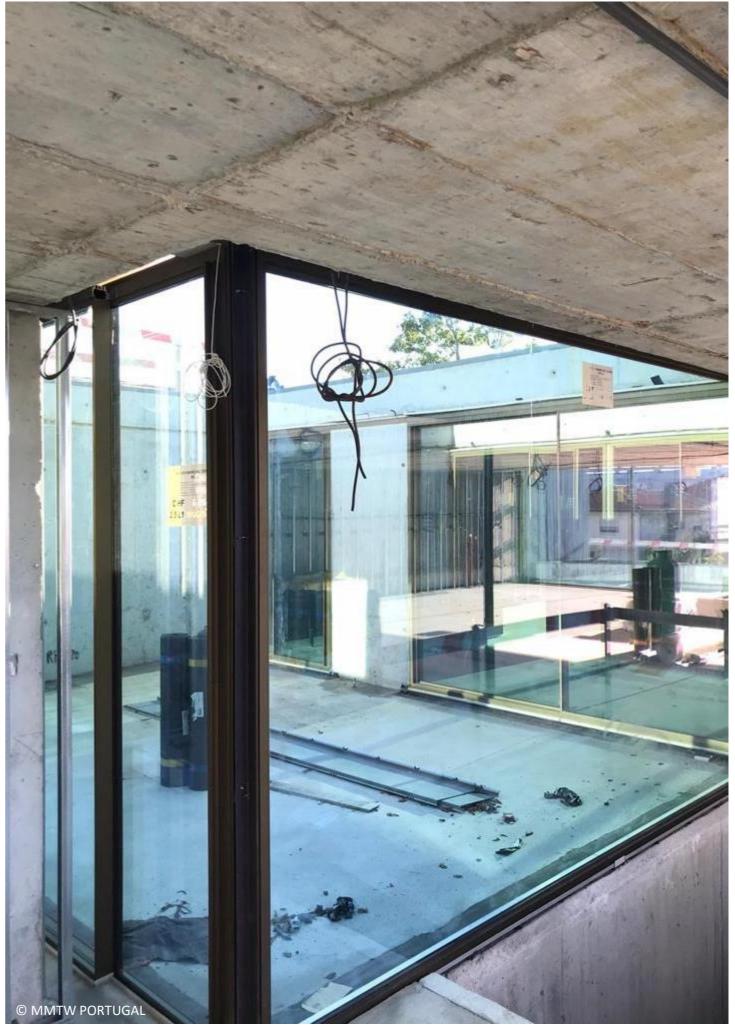


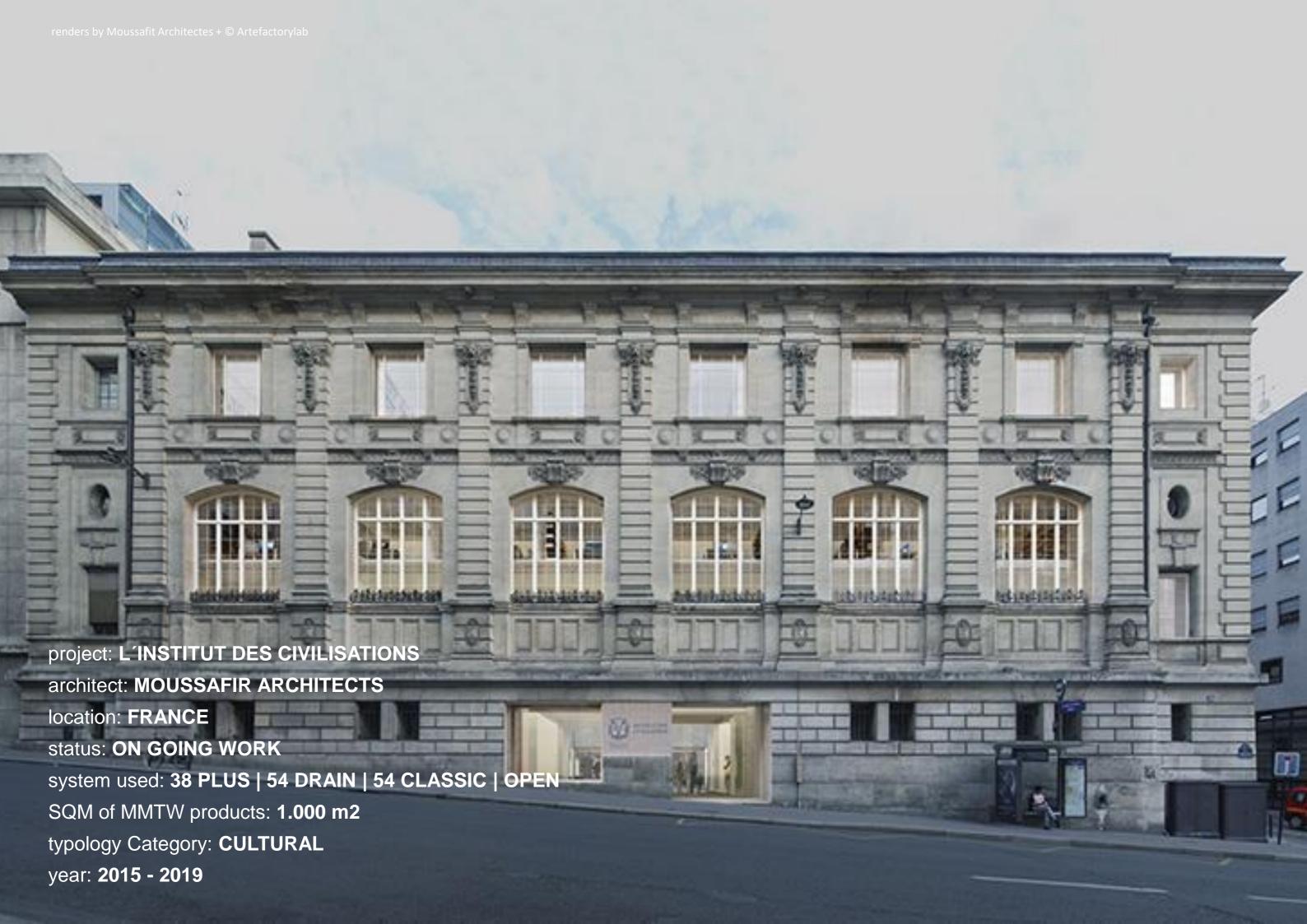






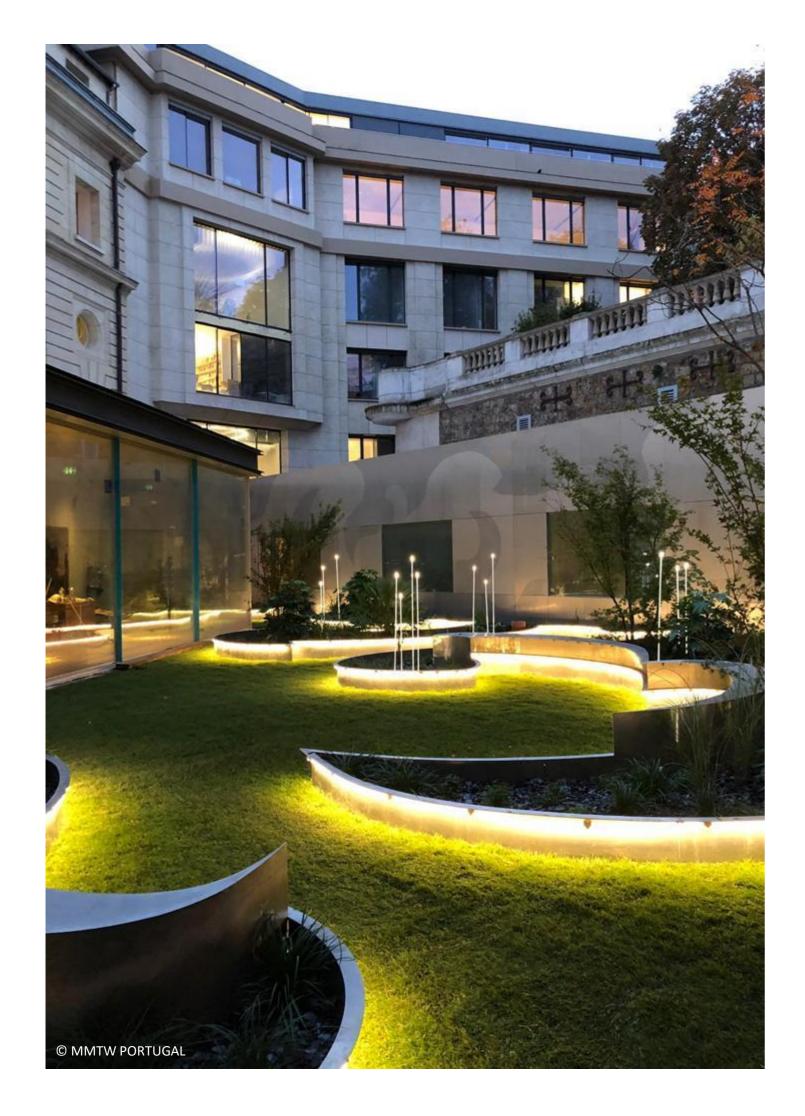




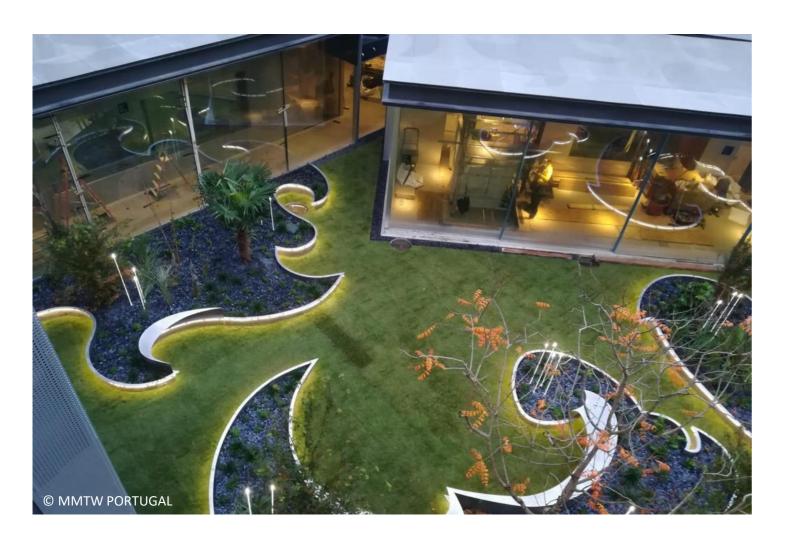


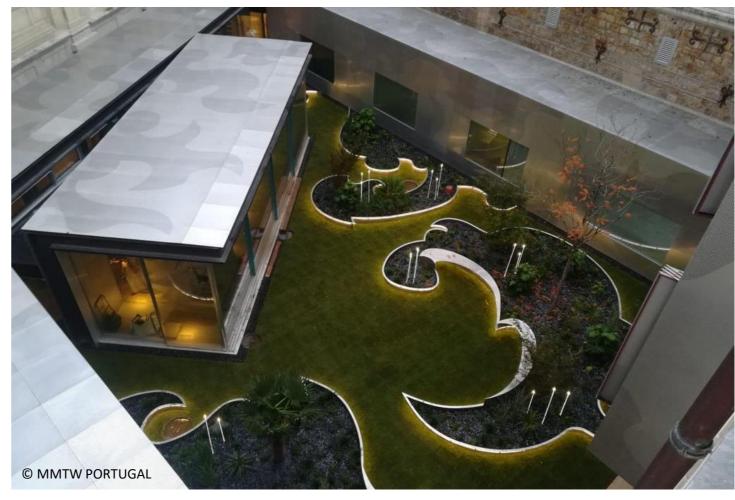


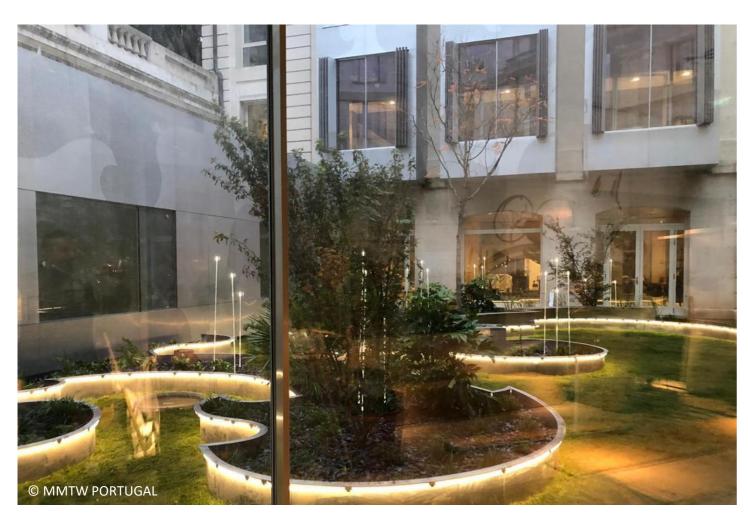


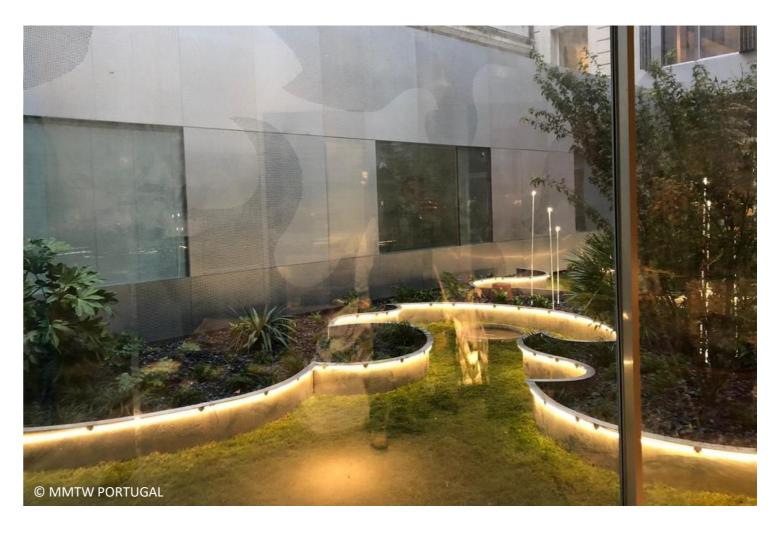


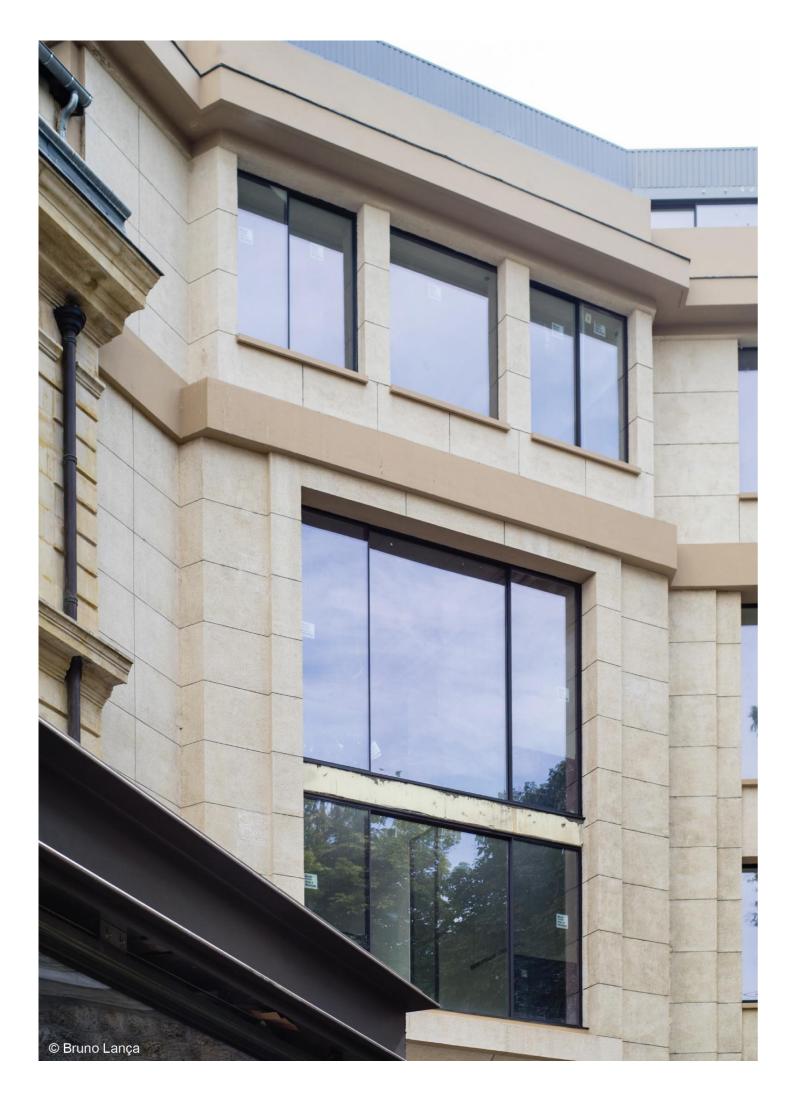




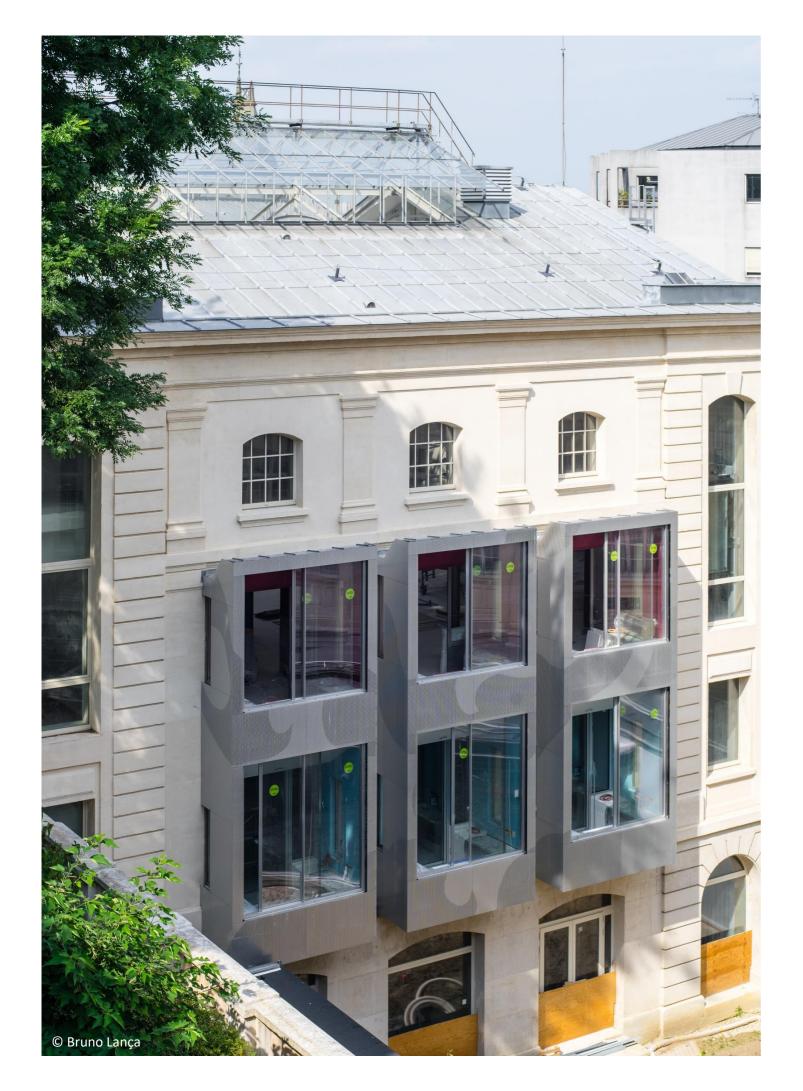








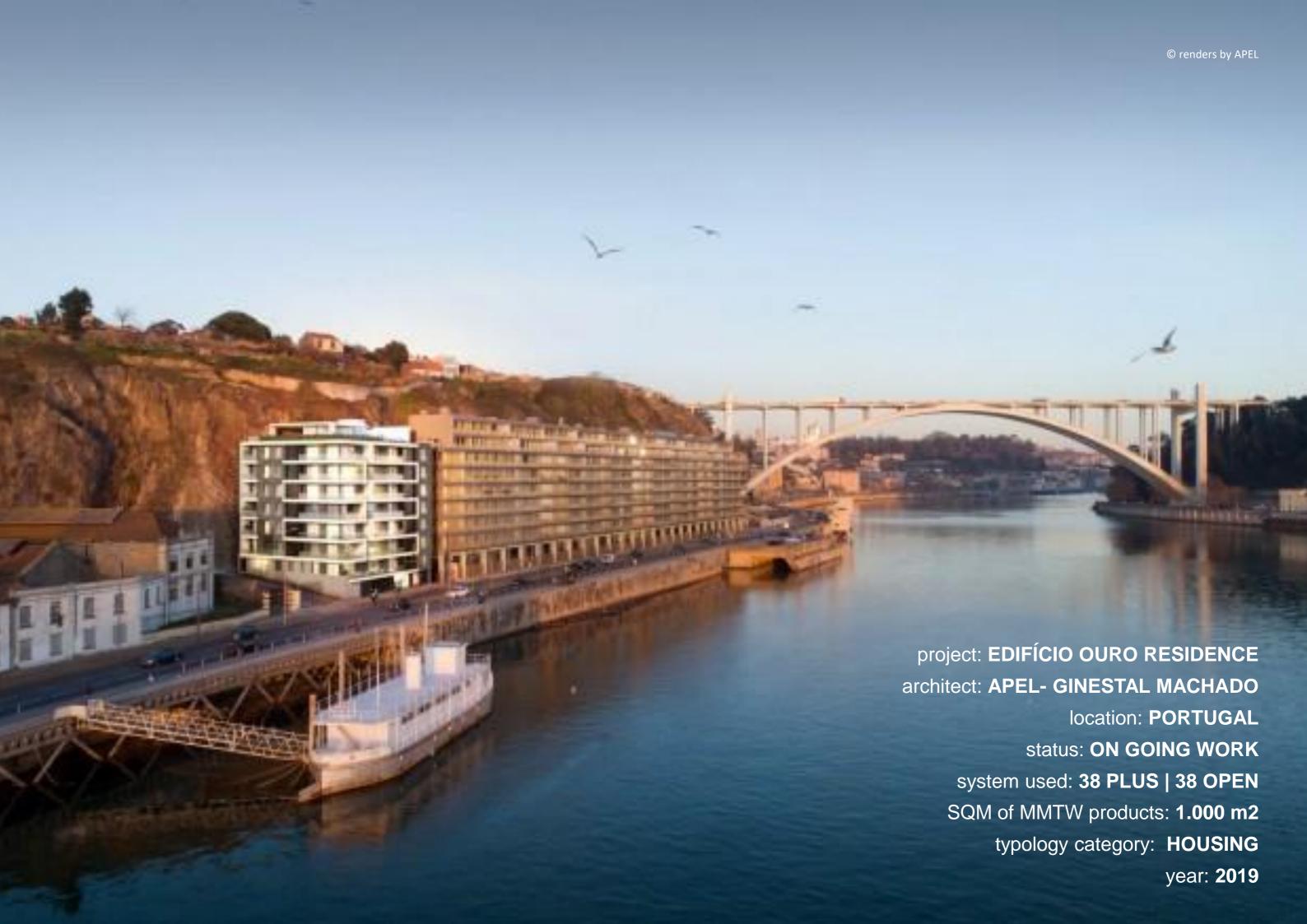






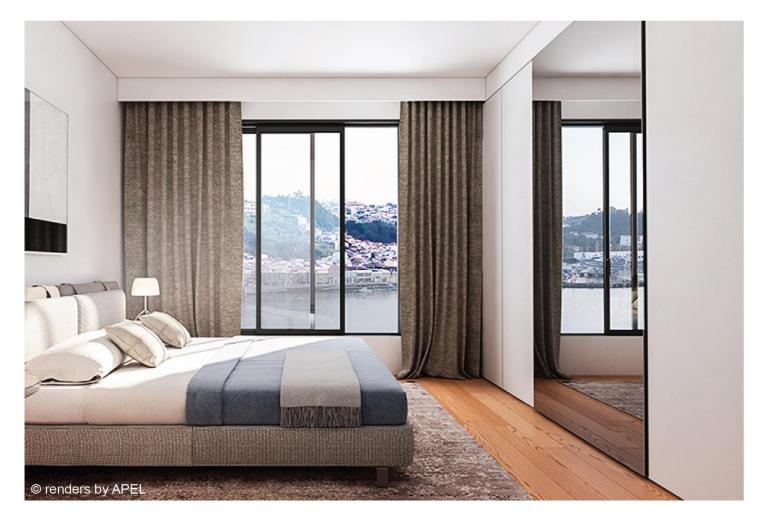


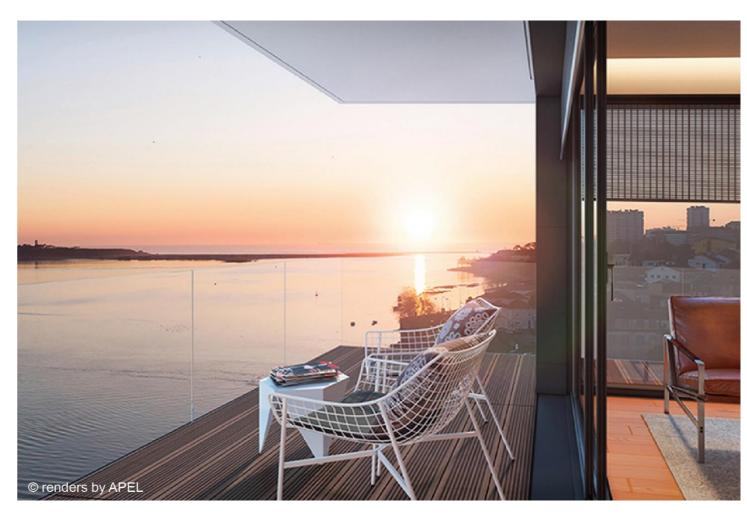


























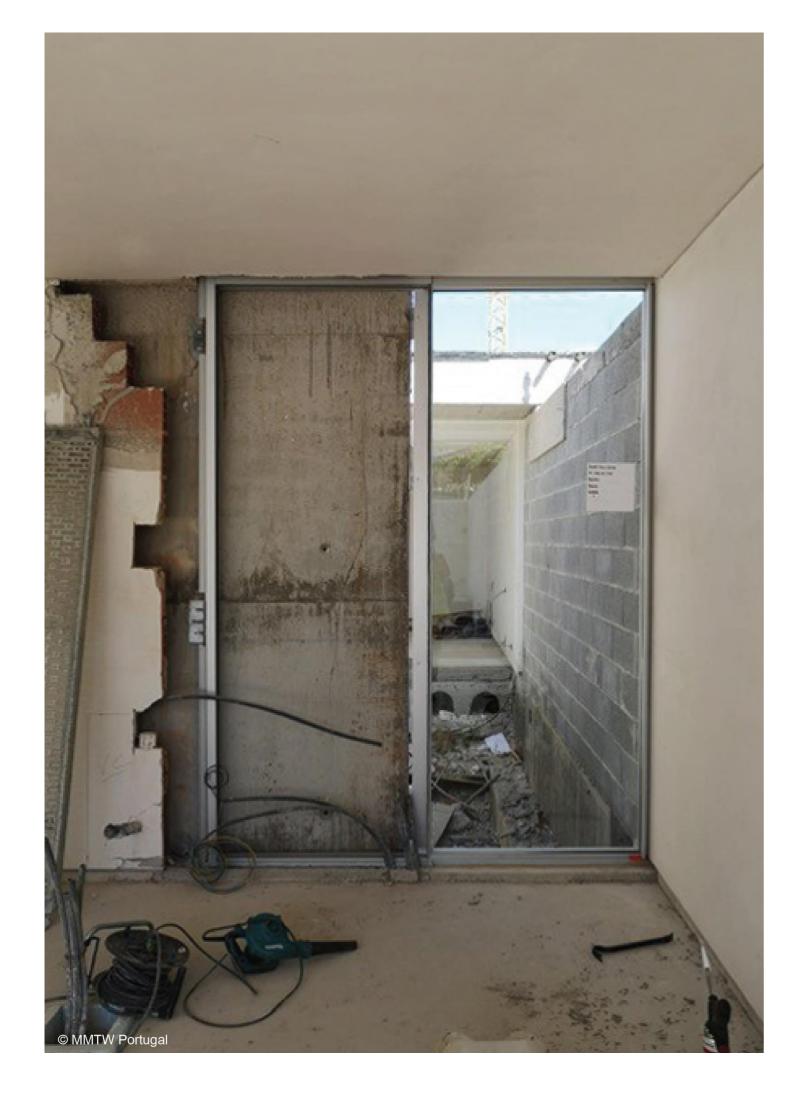
















project: CASTILHO 203

Client: VANGUARD PROPERTIES

Architecture: design project by ARX PORT

Location: PORTUGAL

Status: READY WORK

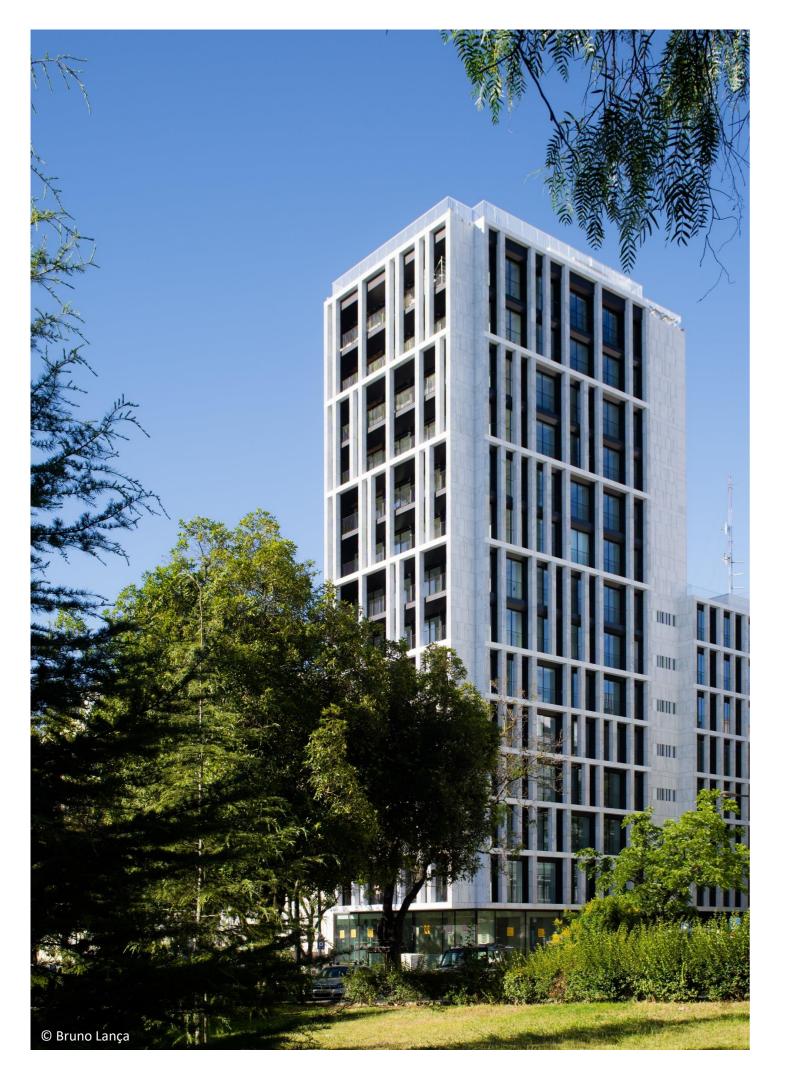
System used: 38 PLUS | 54 CLASSIC

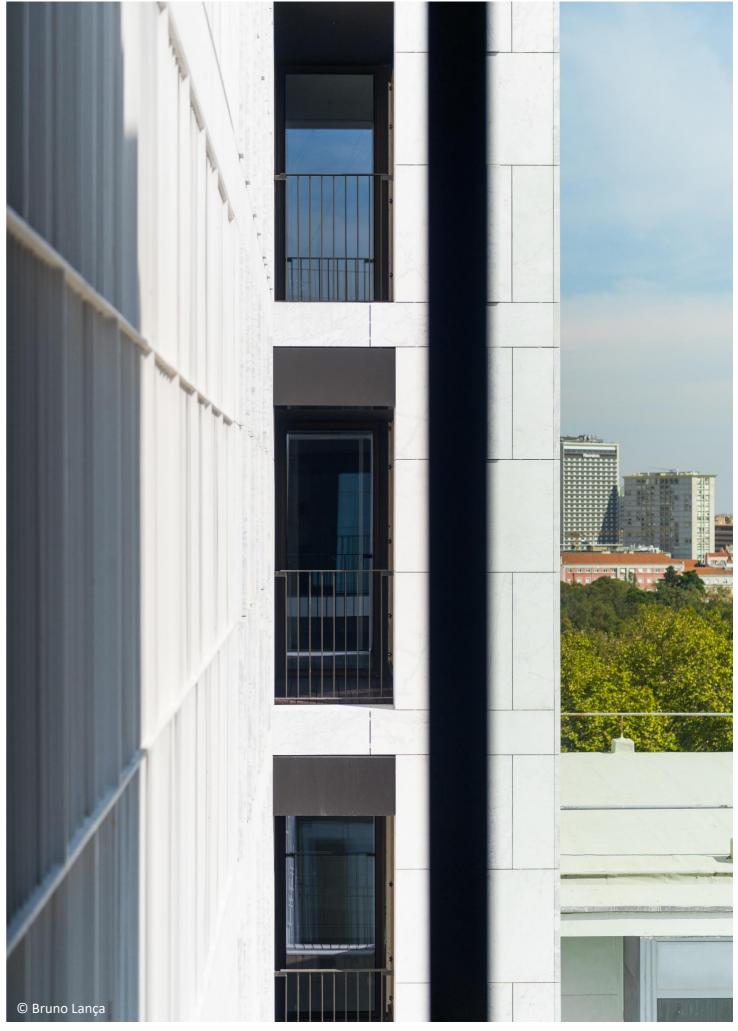
SQM of MMTW products: 1.500 m2

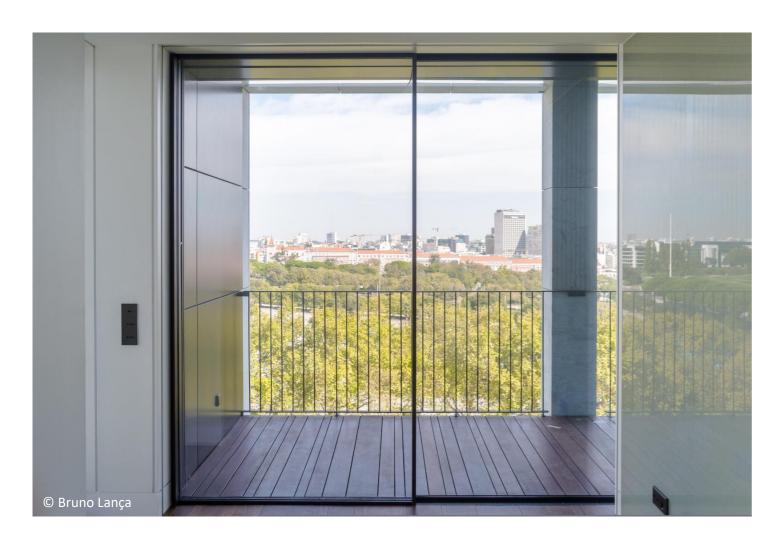
Typology Category: HOUSING

Year: 2018



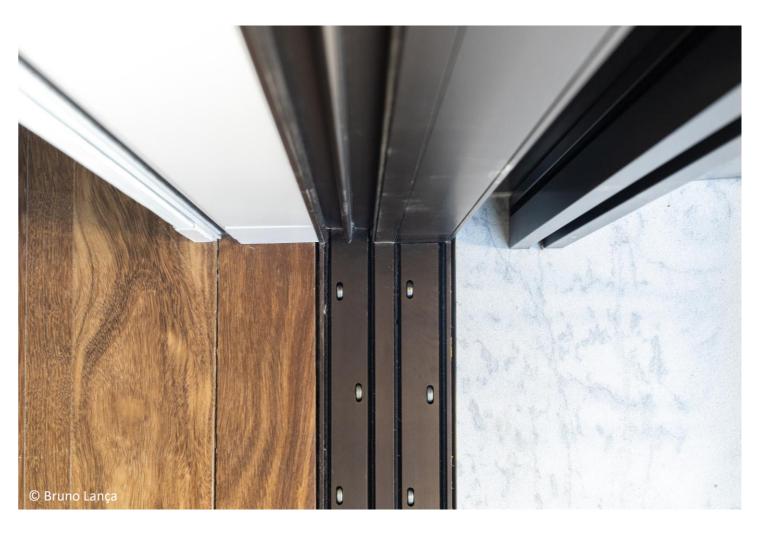




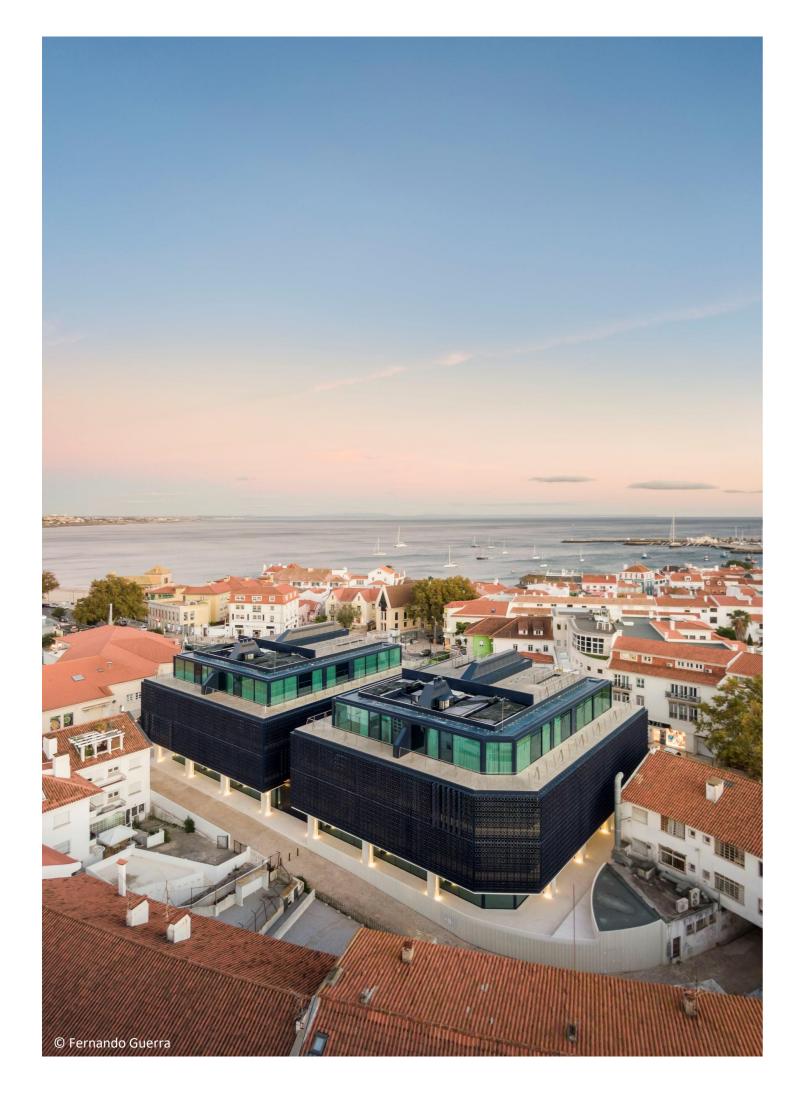




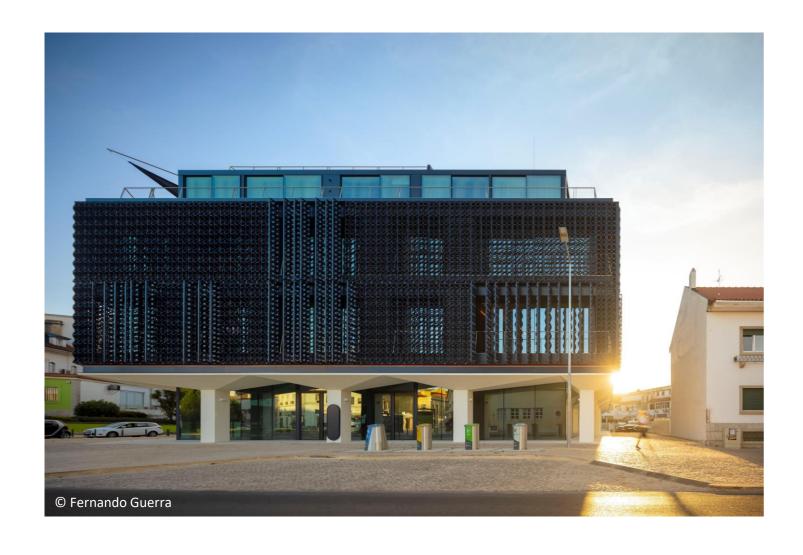




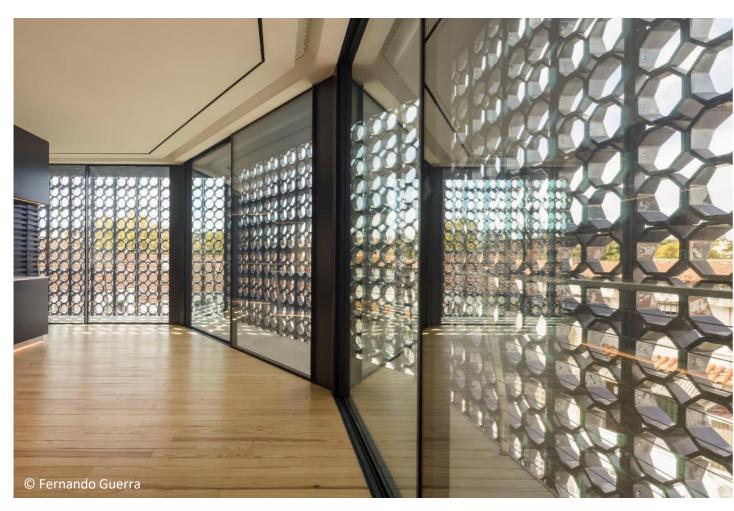


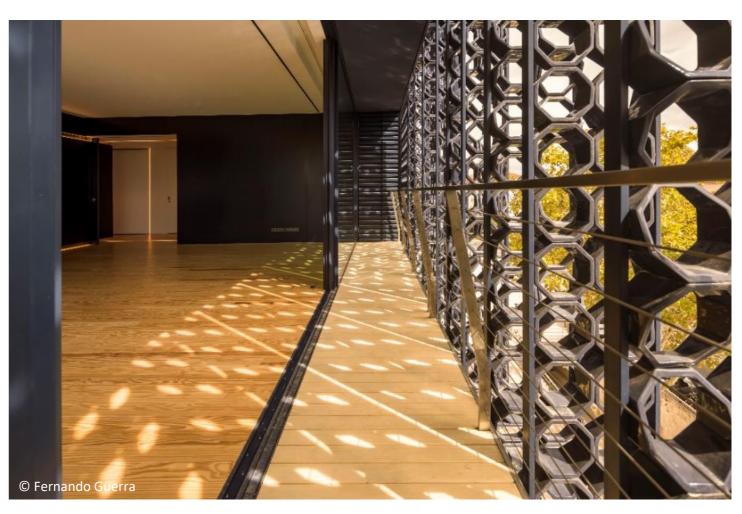


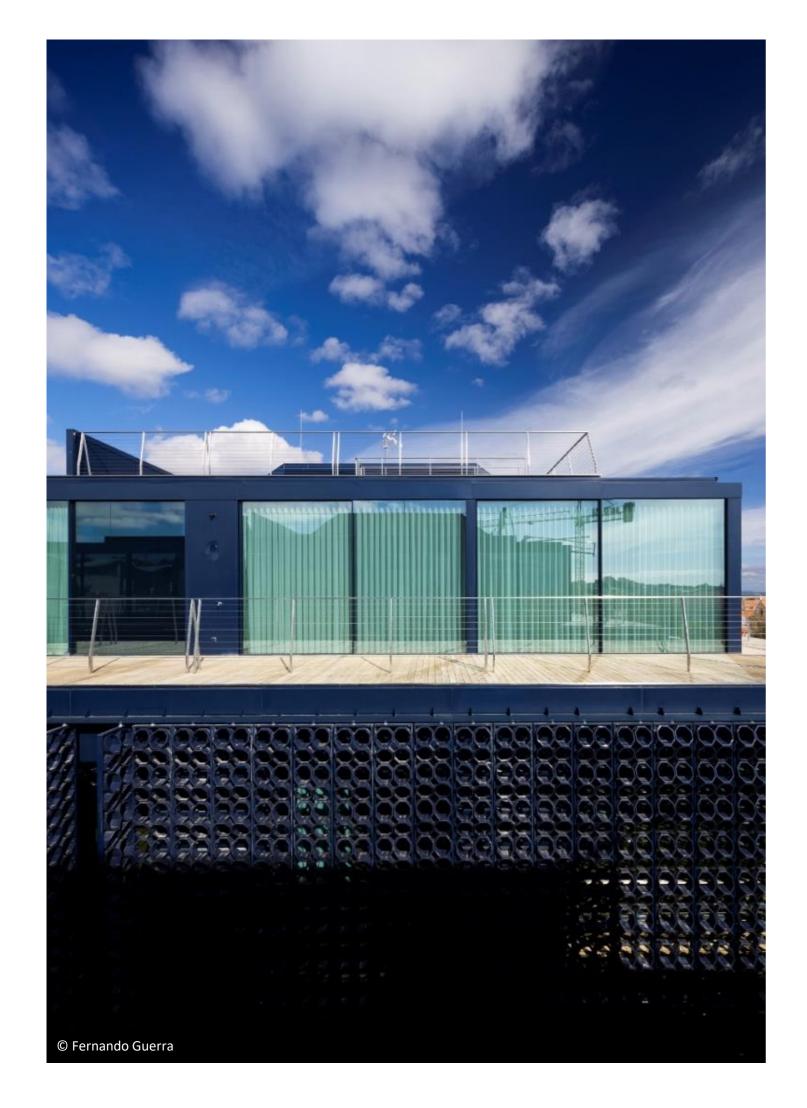




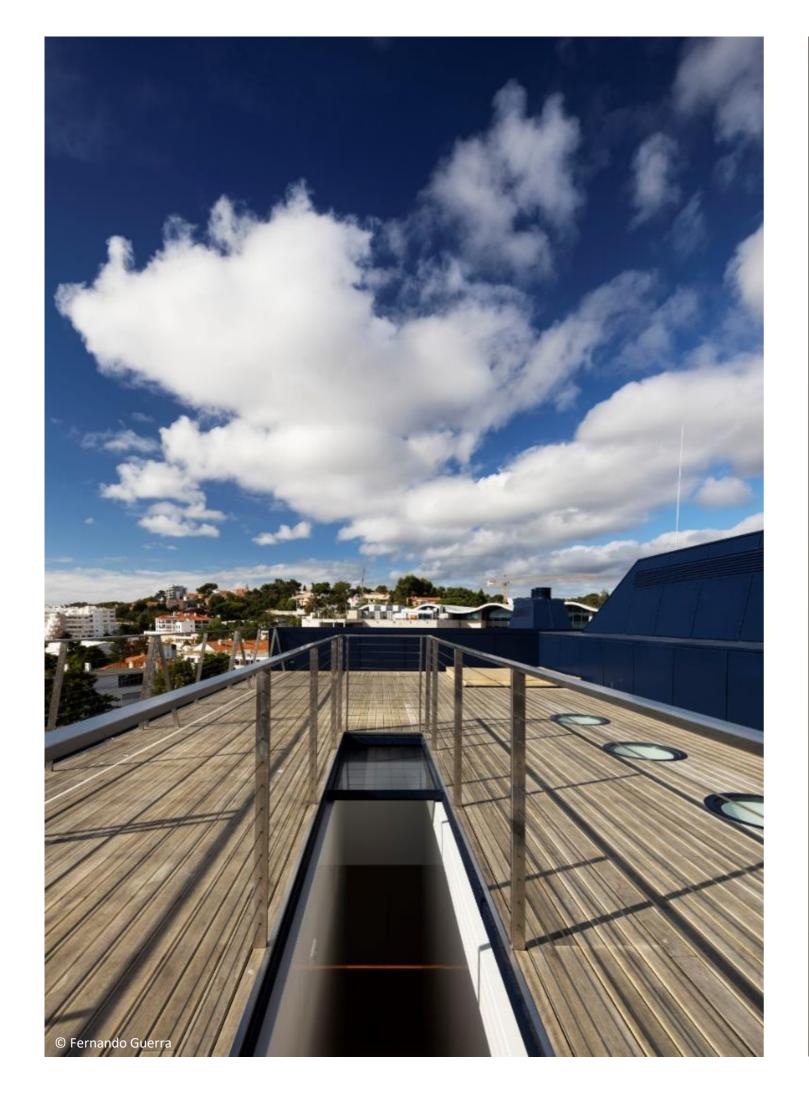


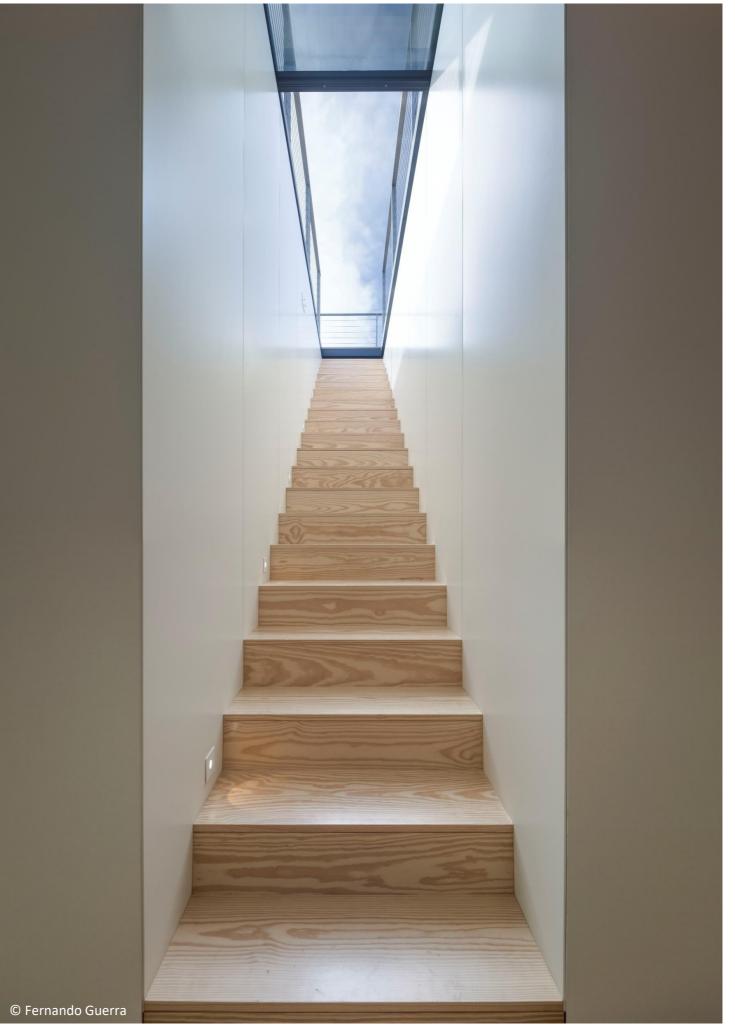












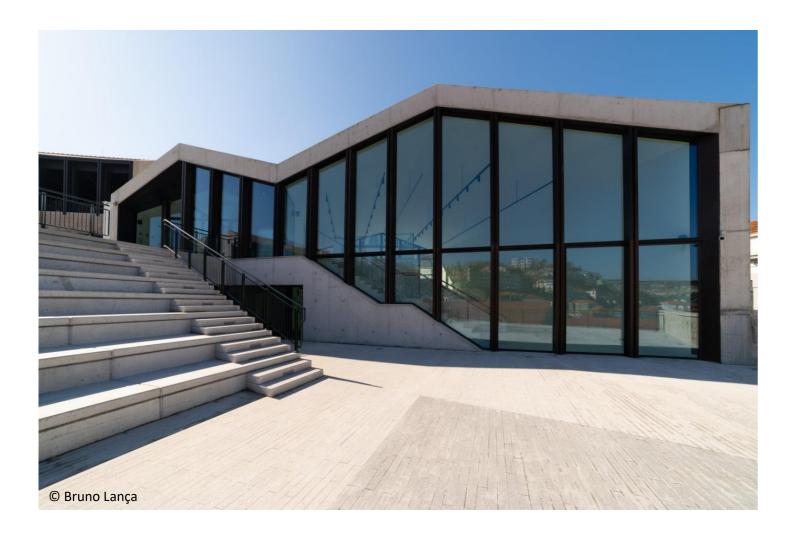




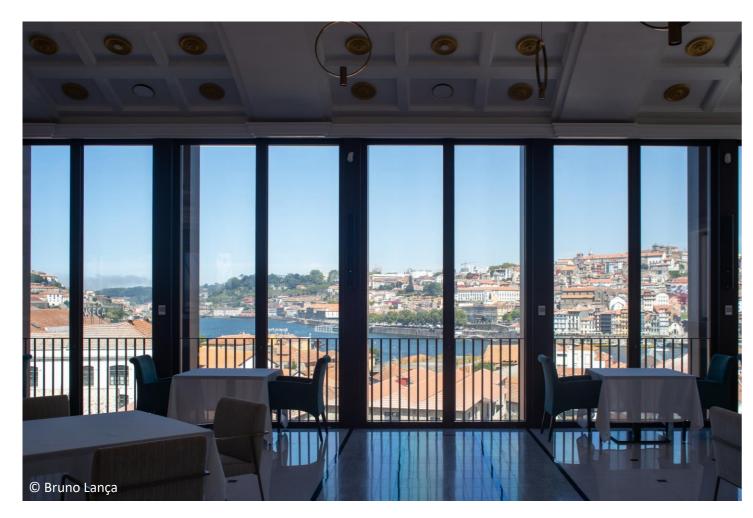


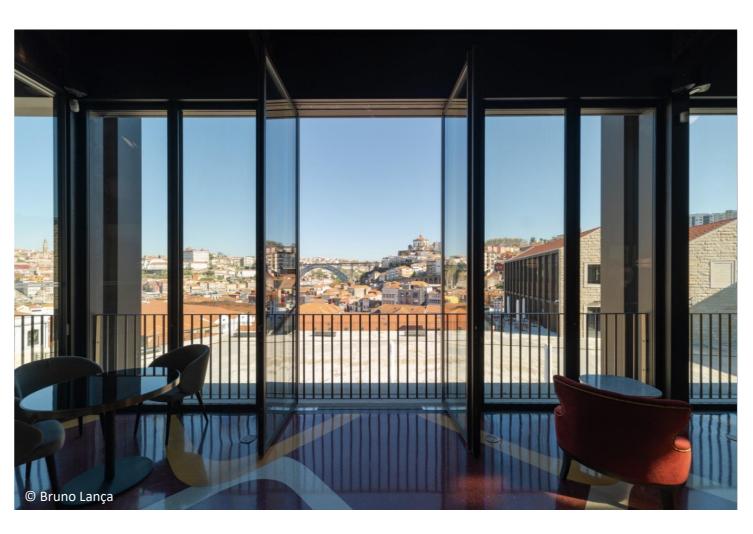




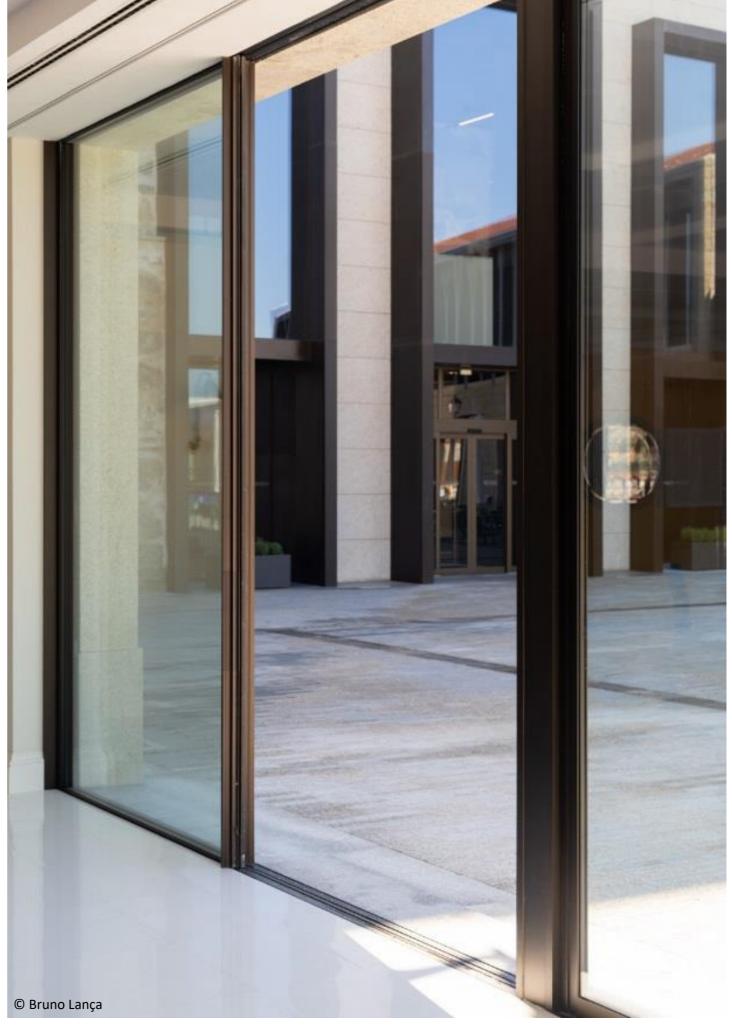




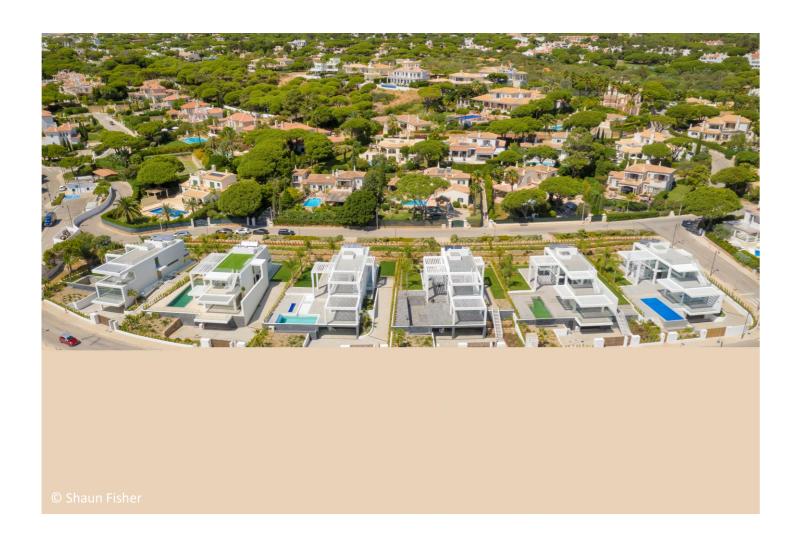








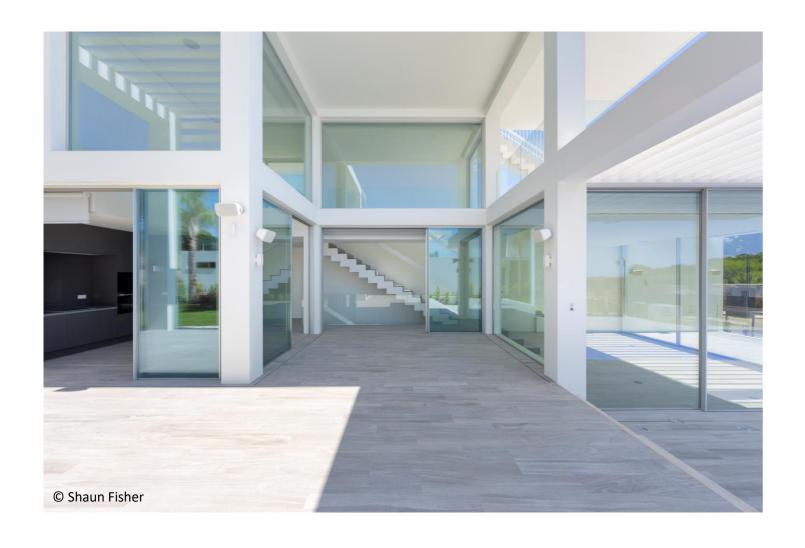






















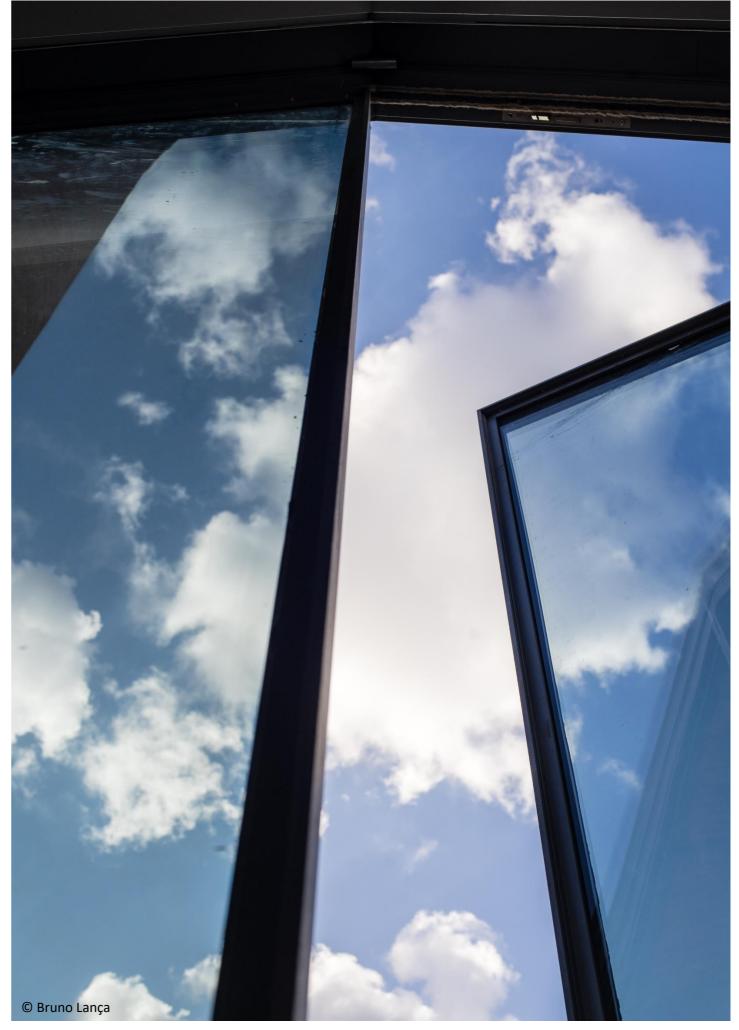


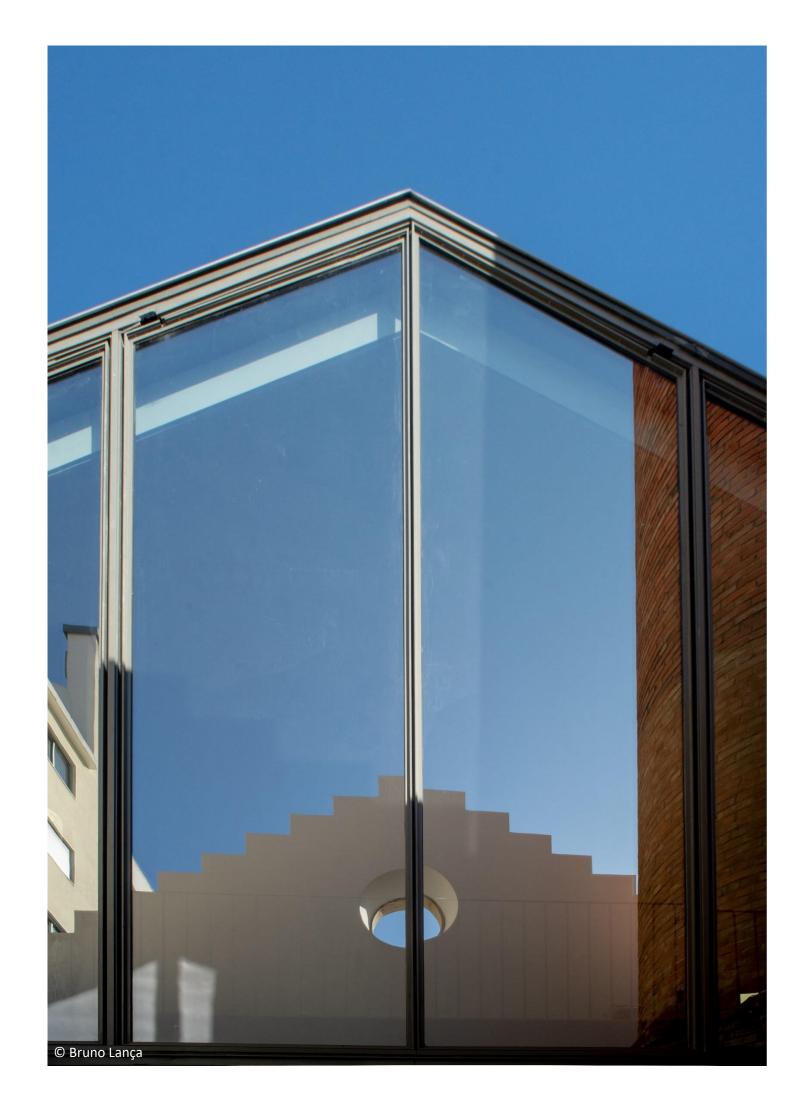


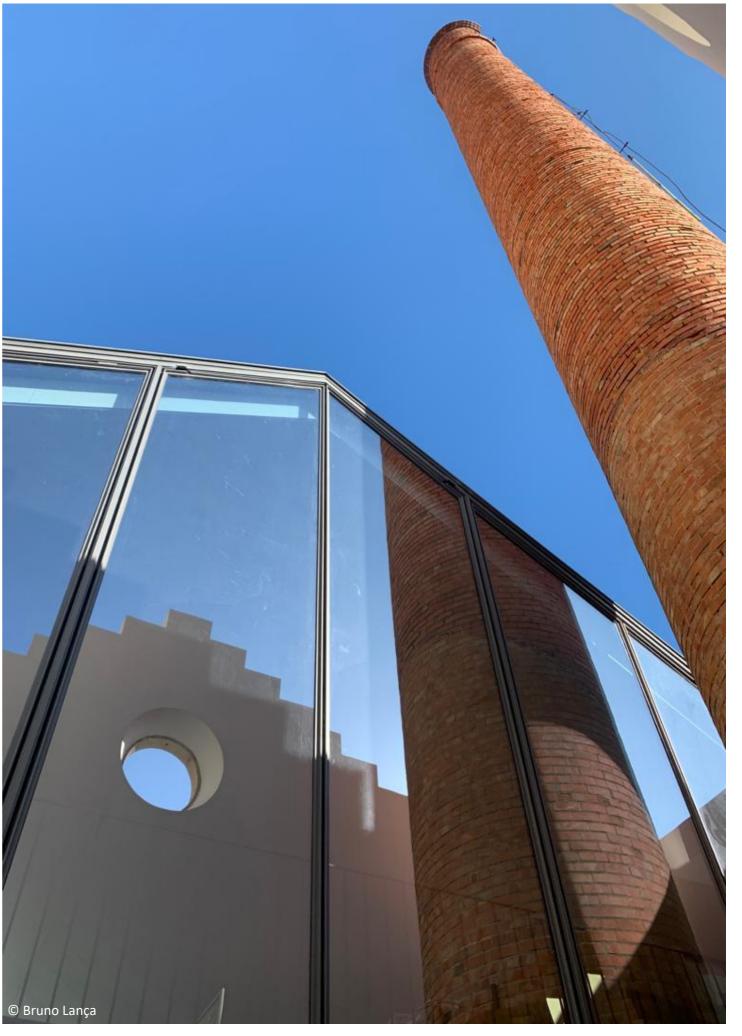


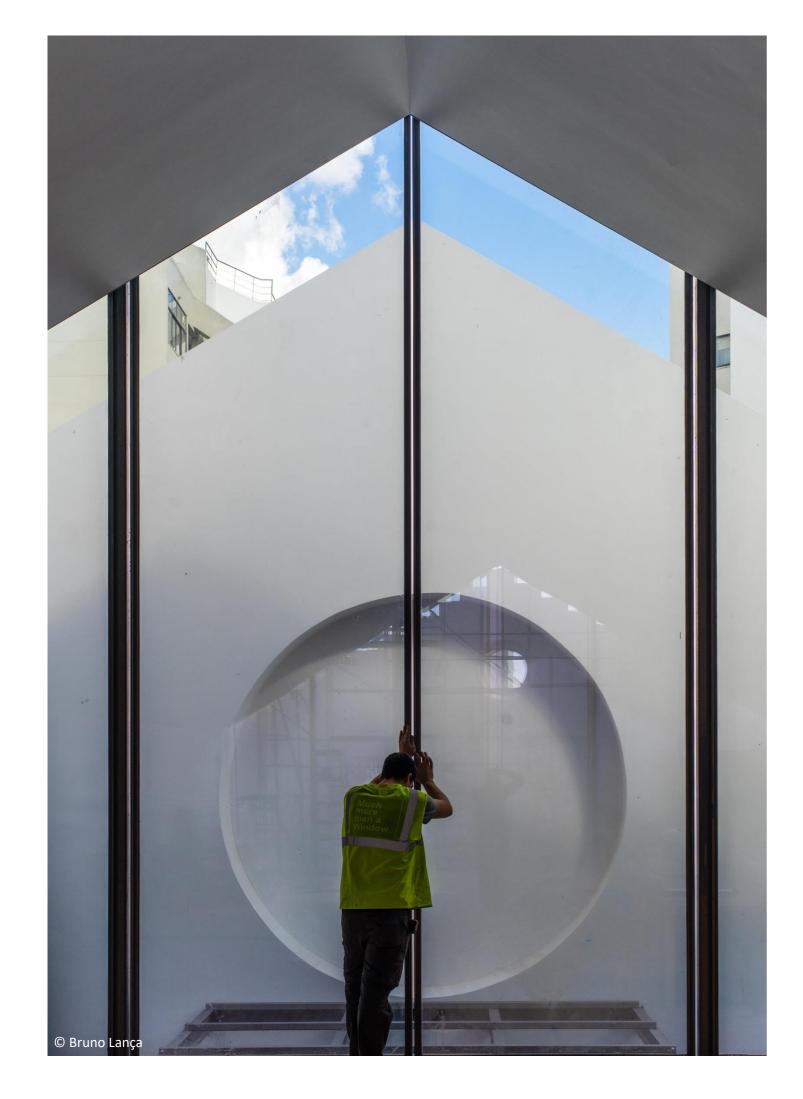


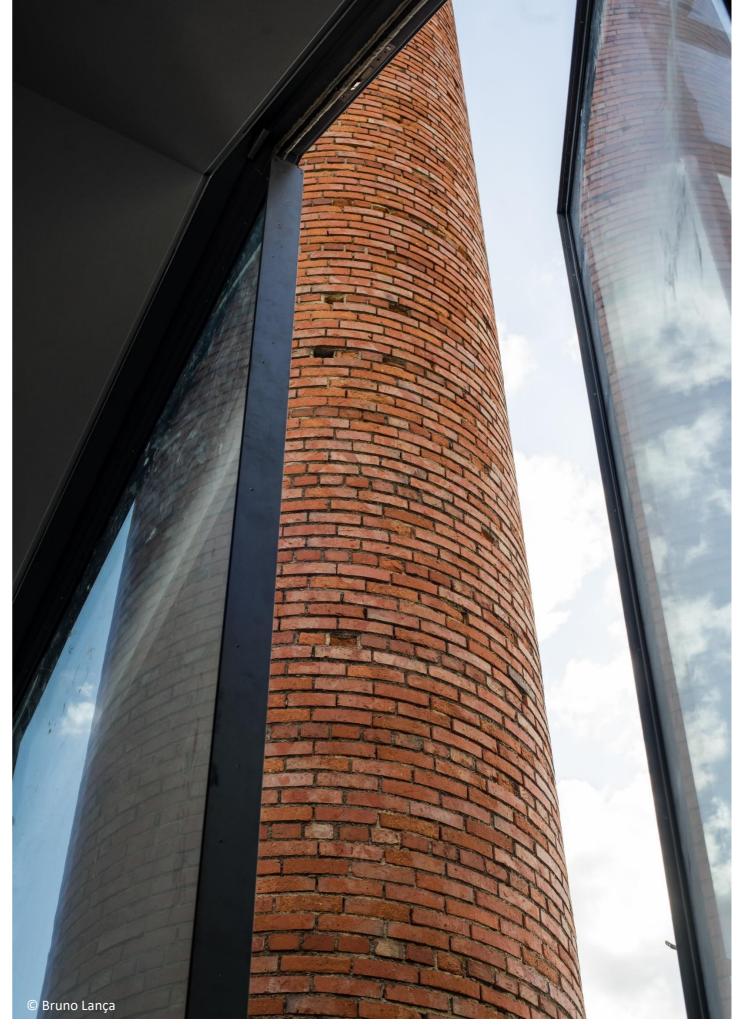




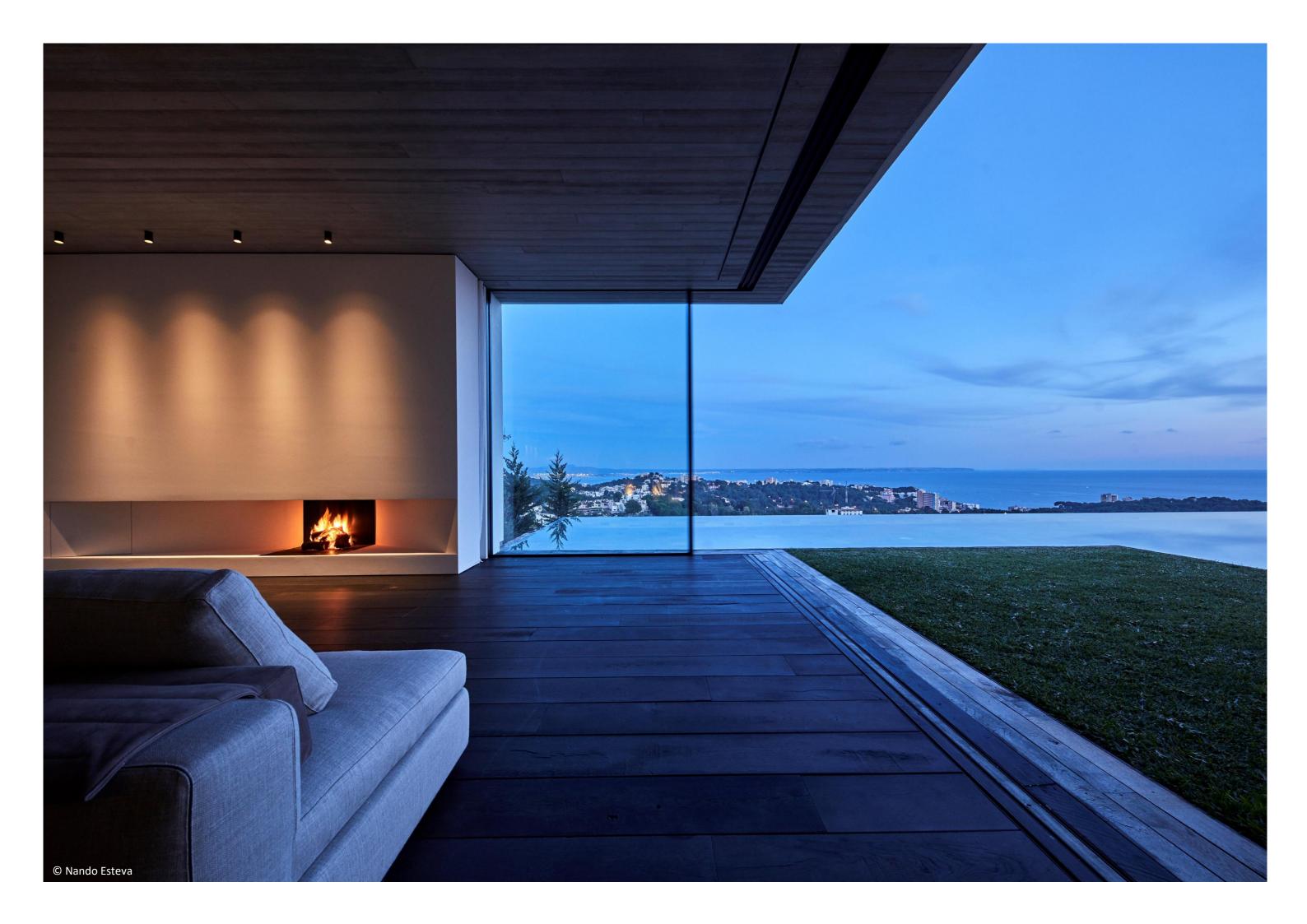


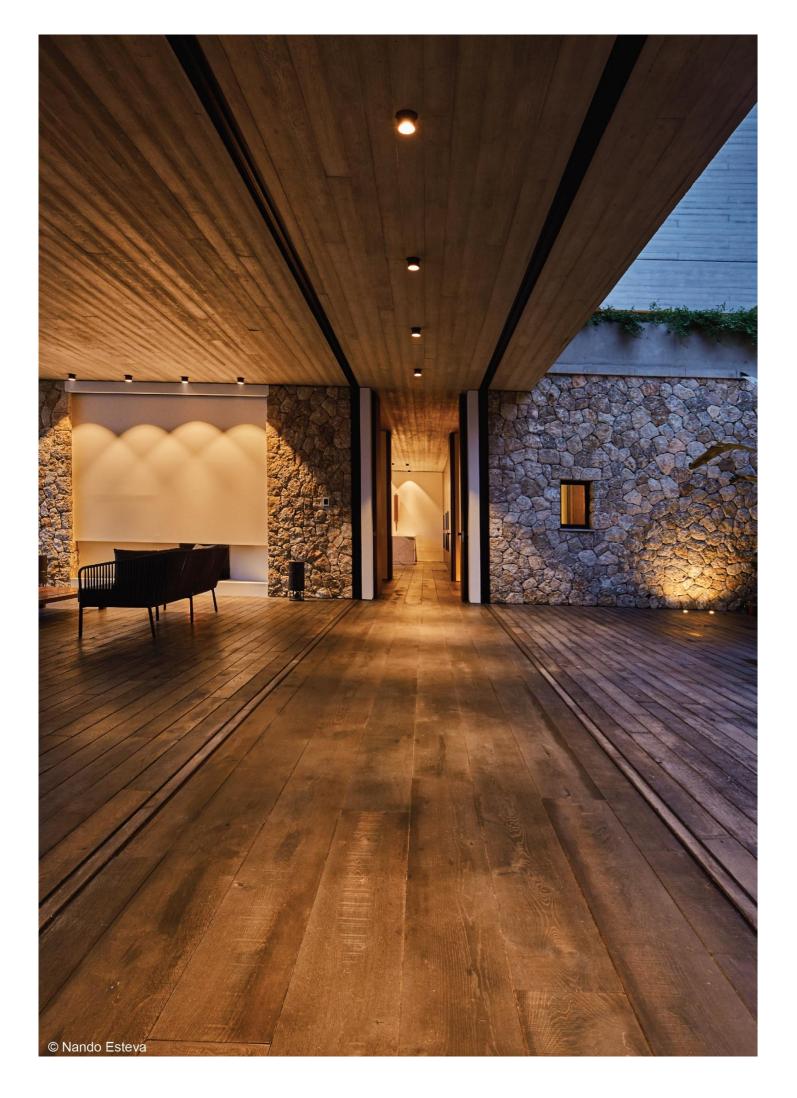


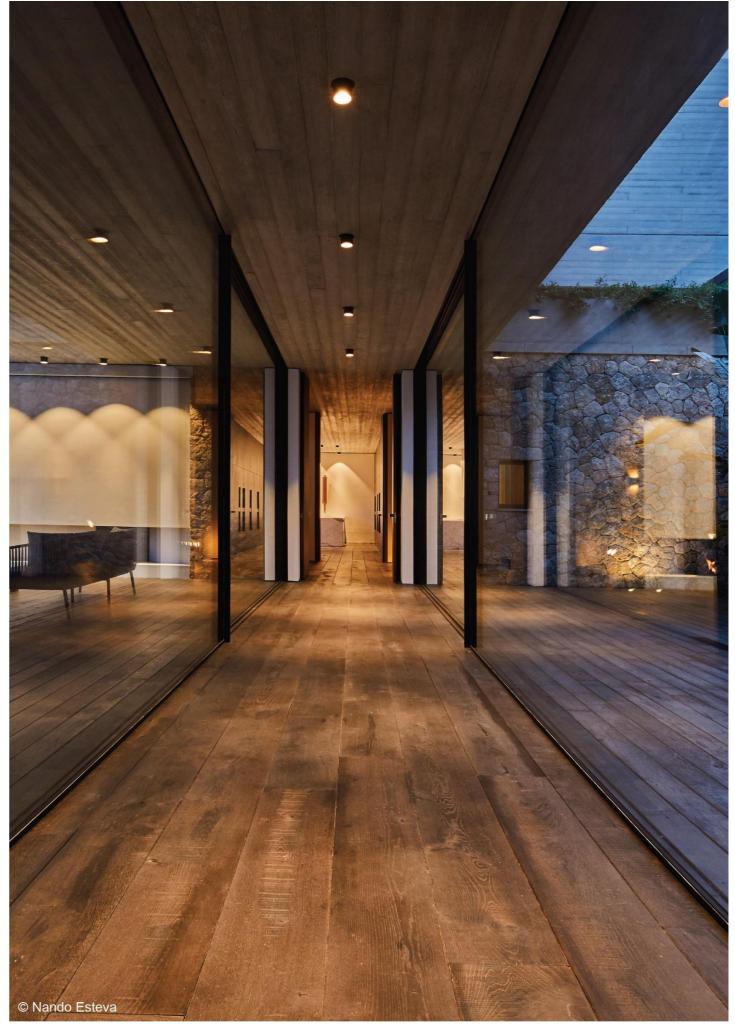




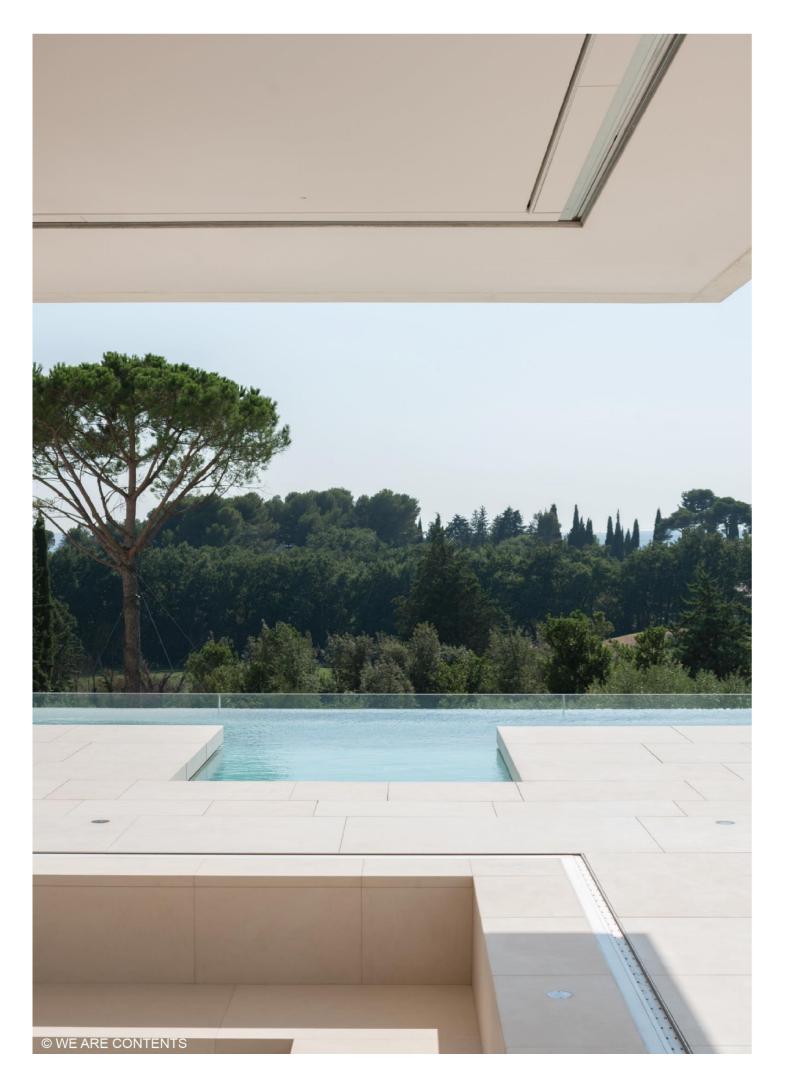














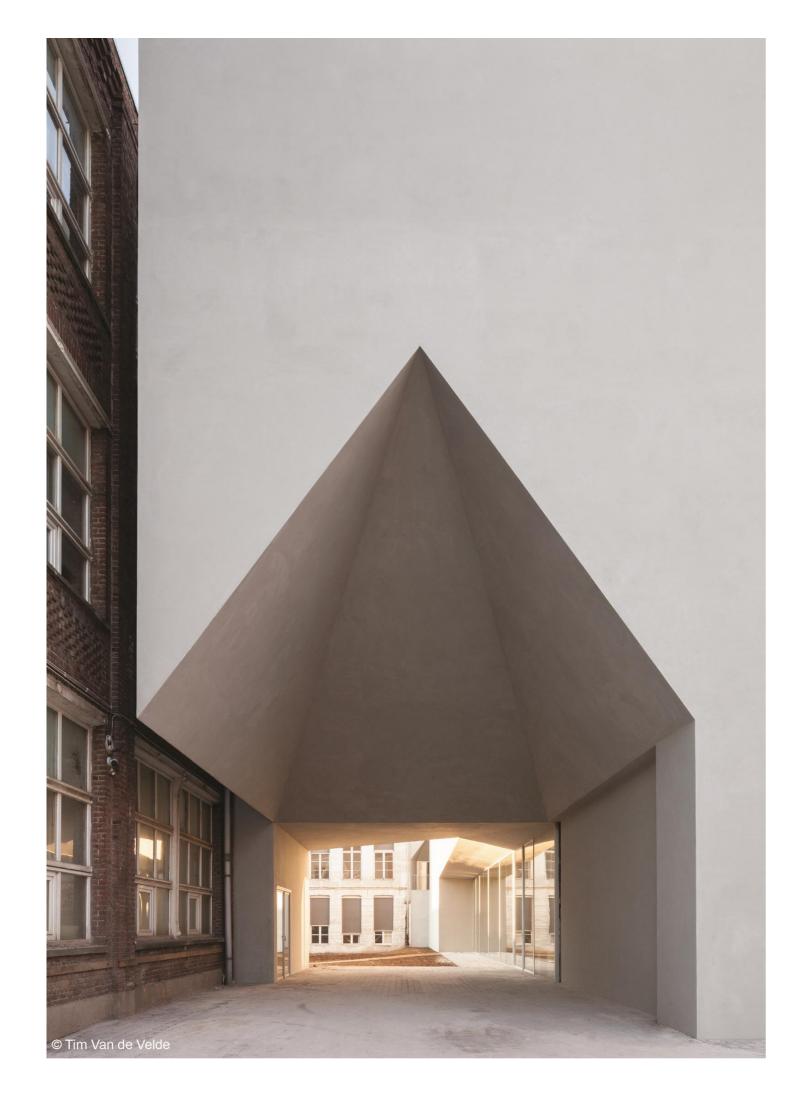




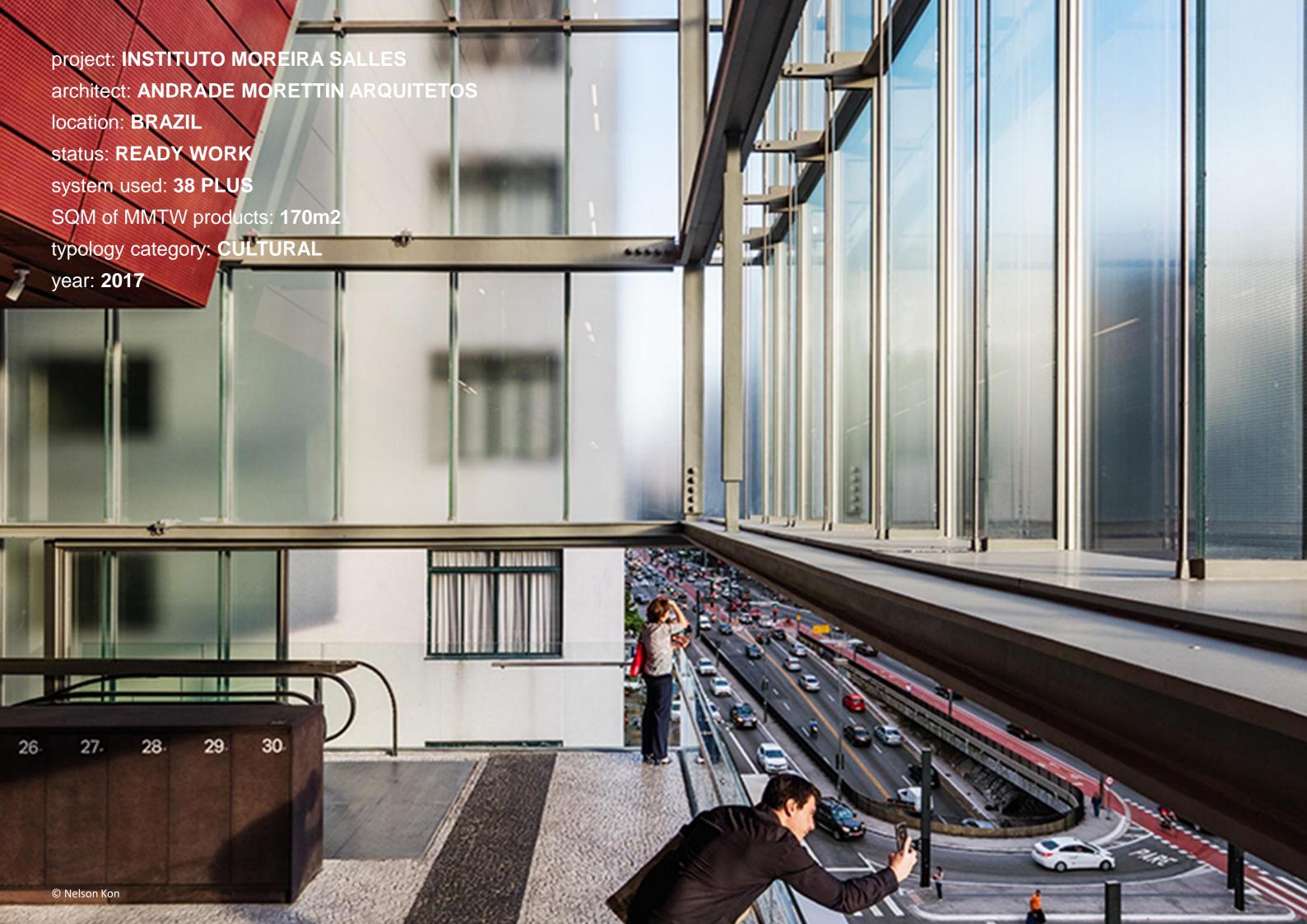


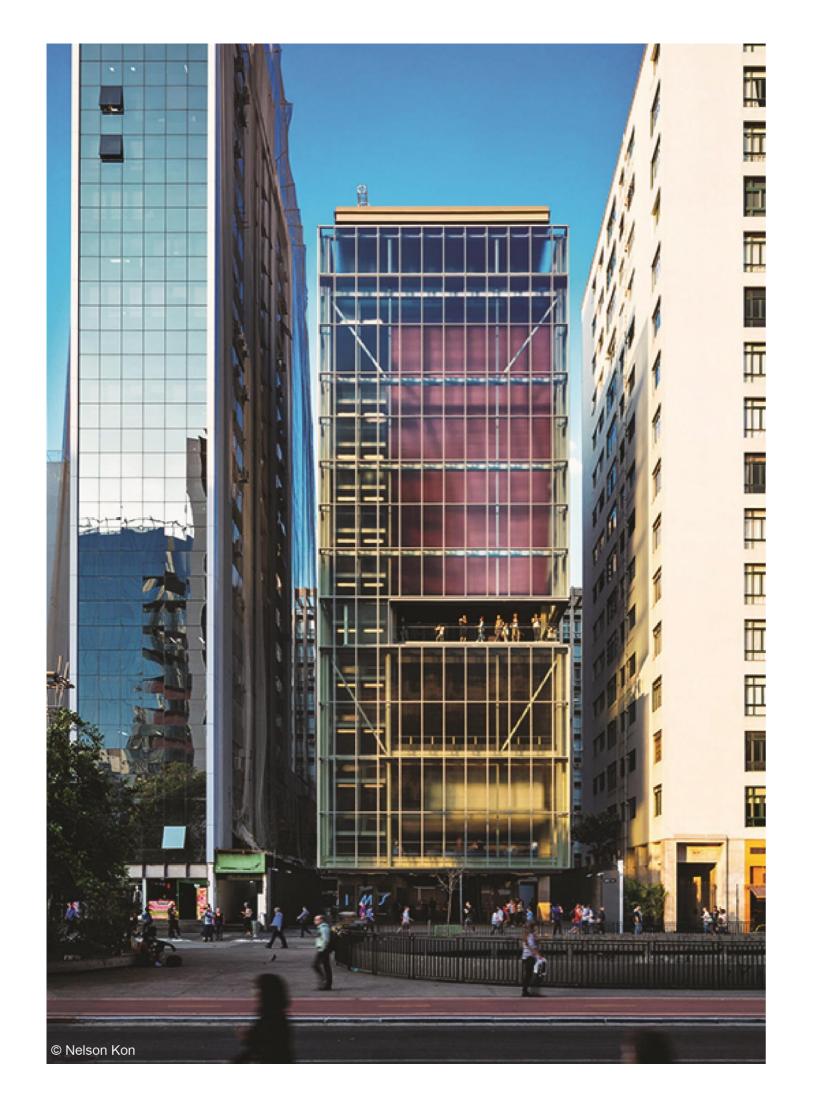


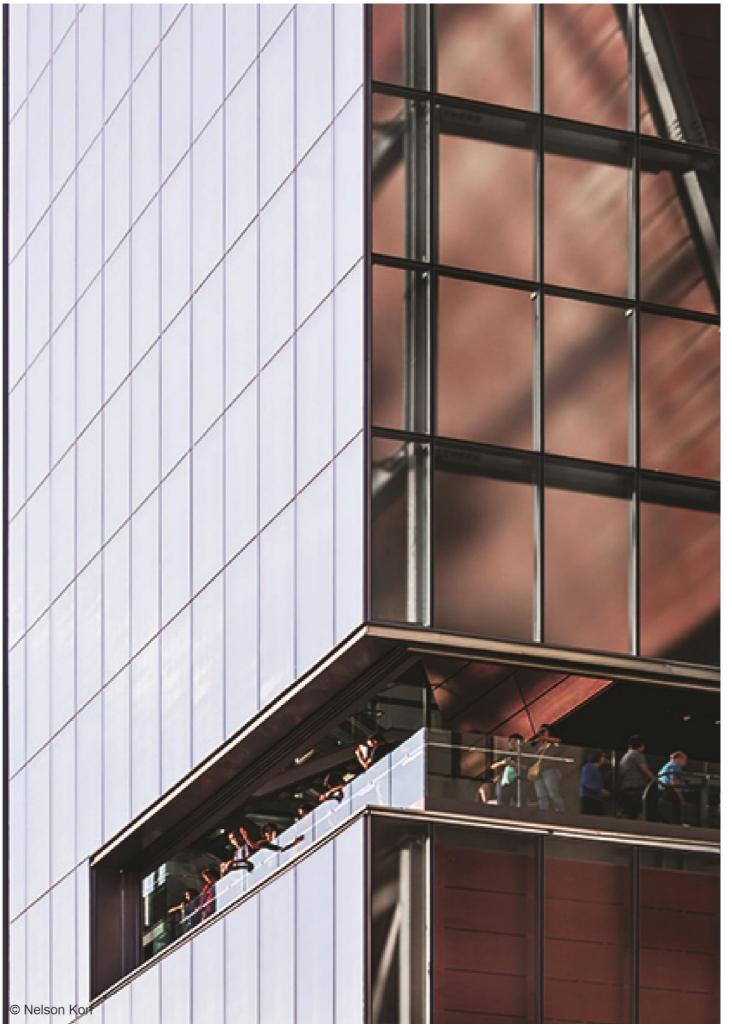




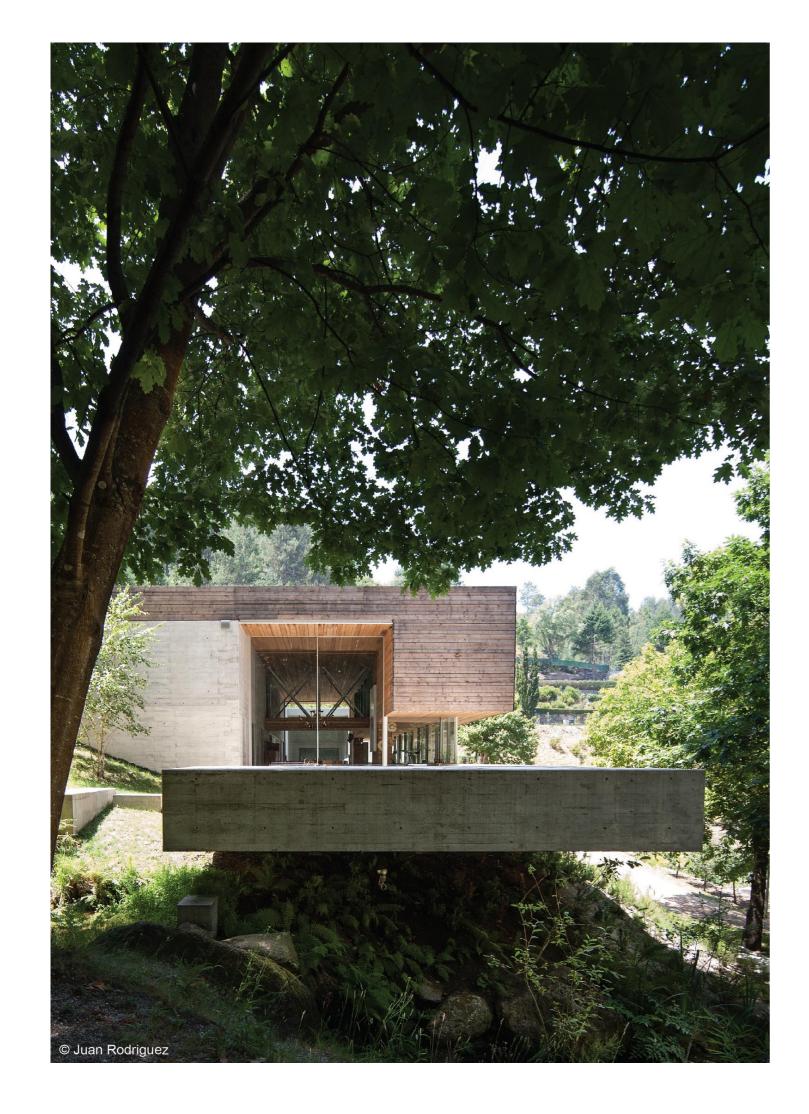


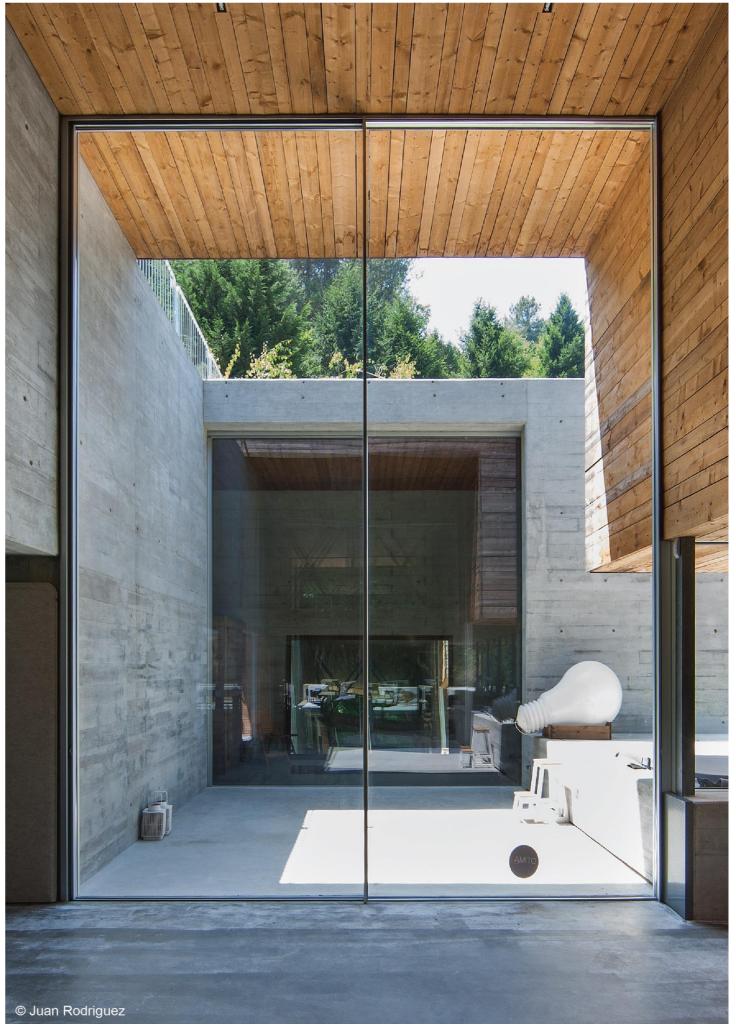










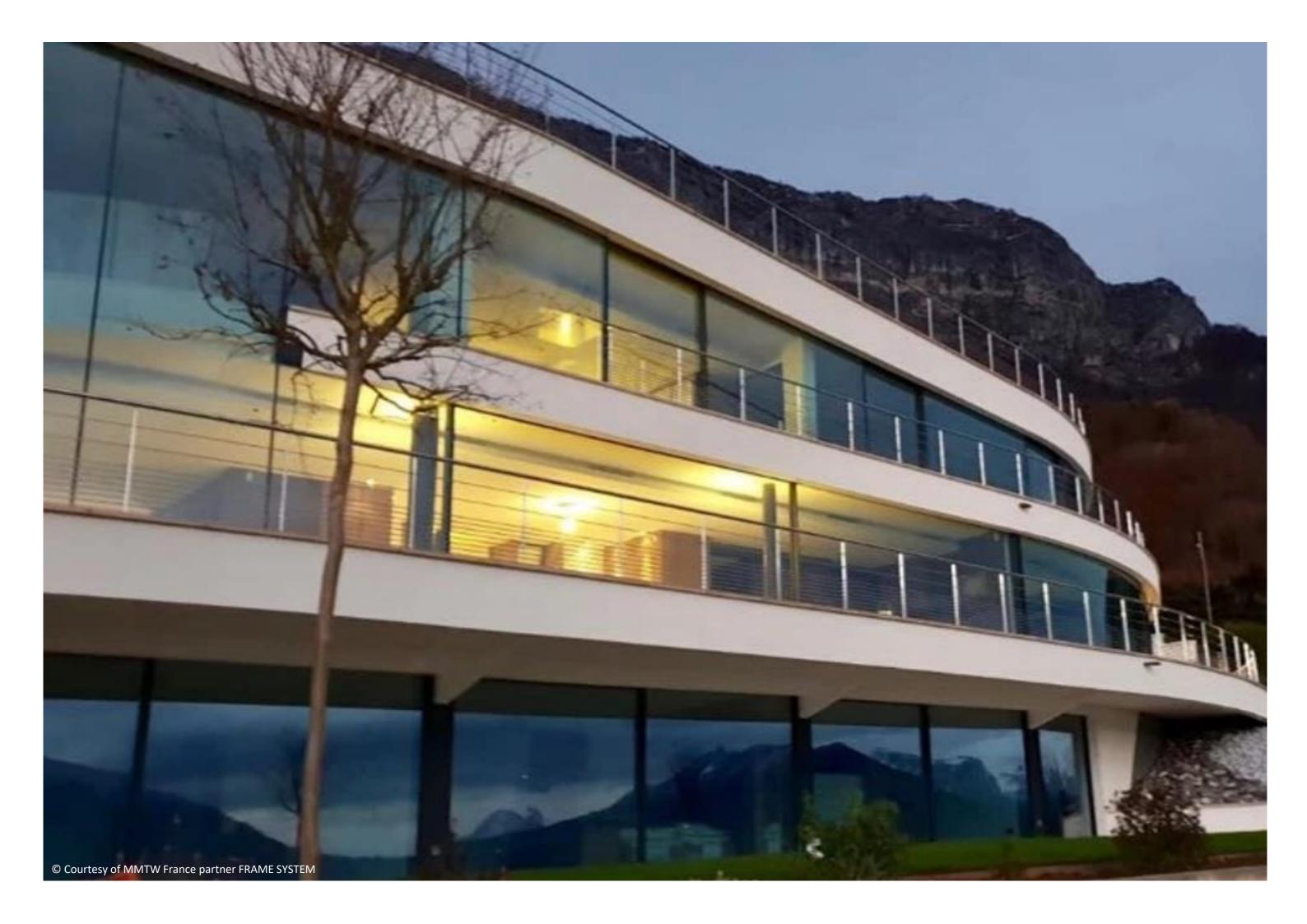


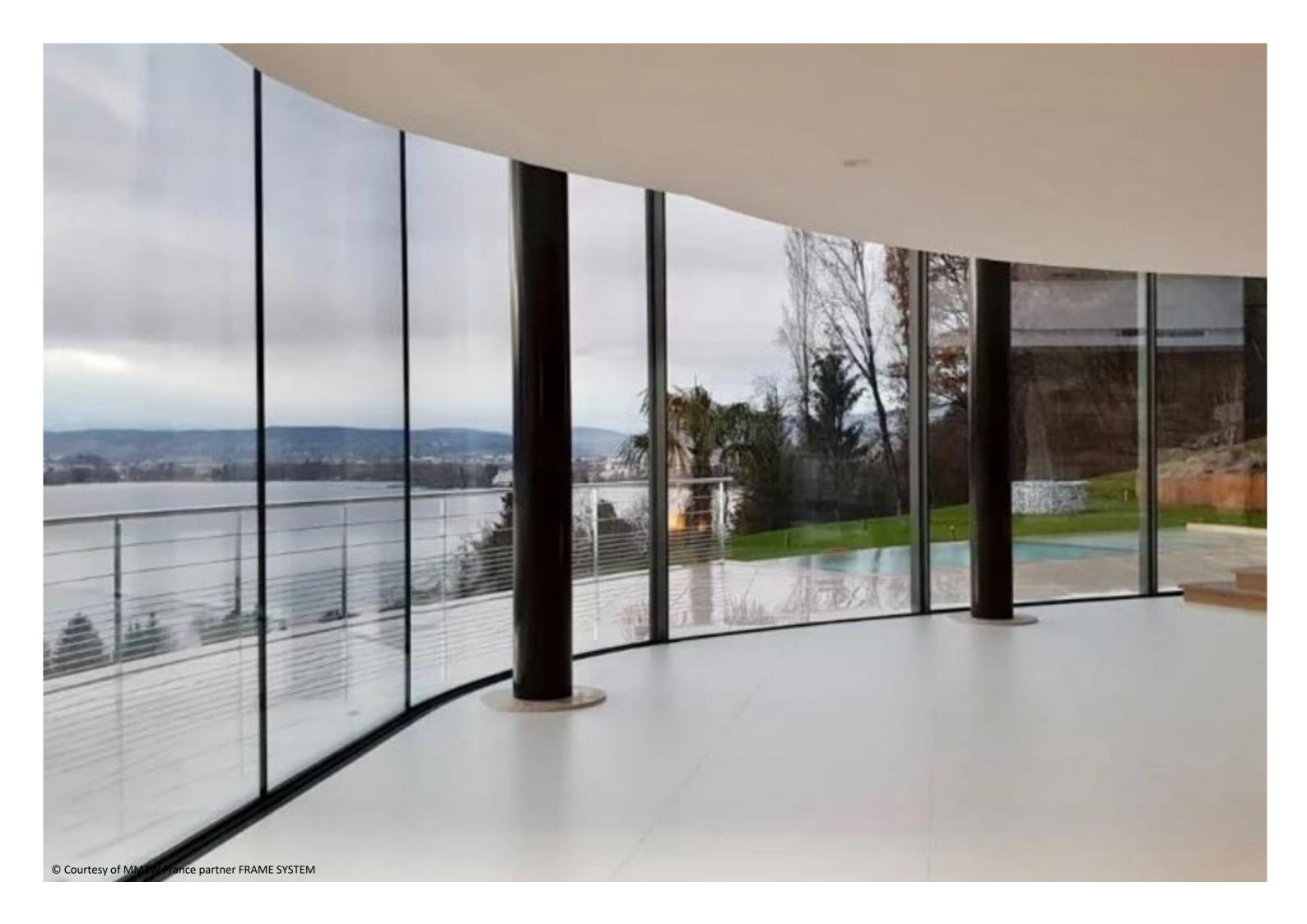


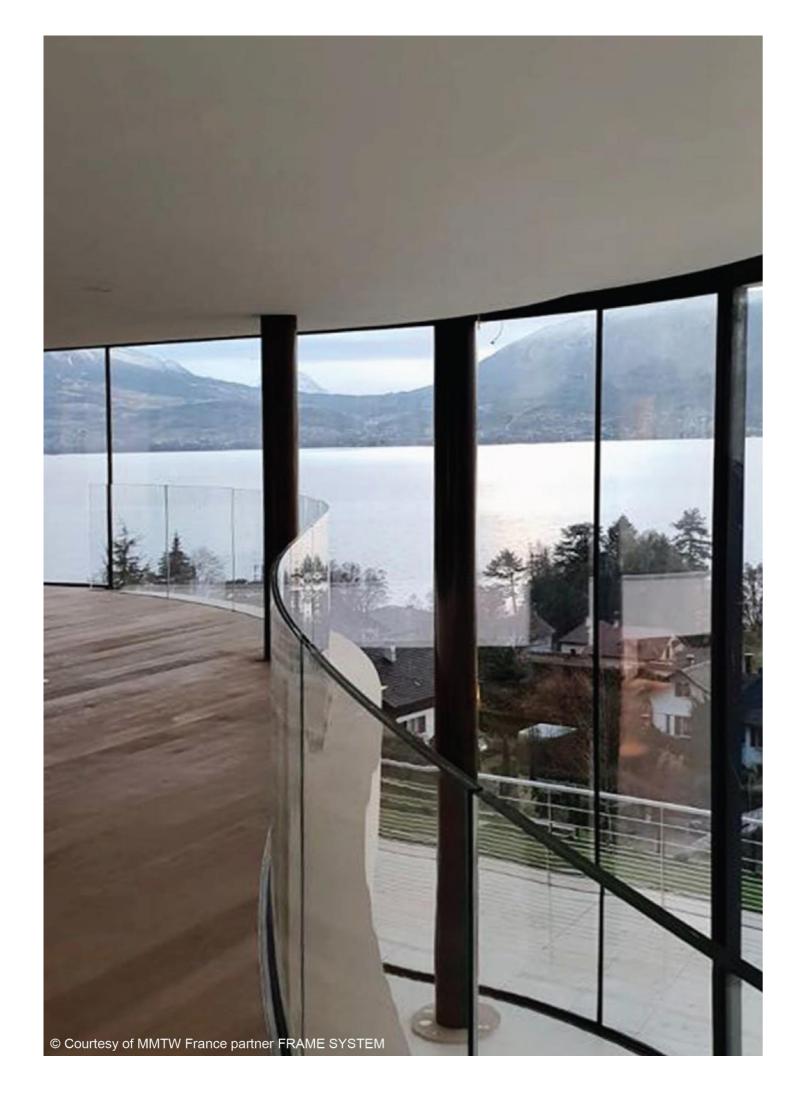




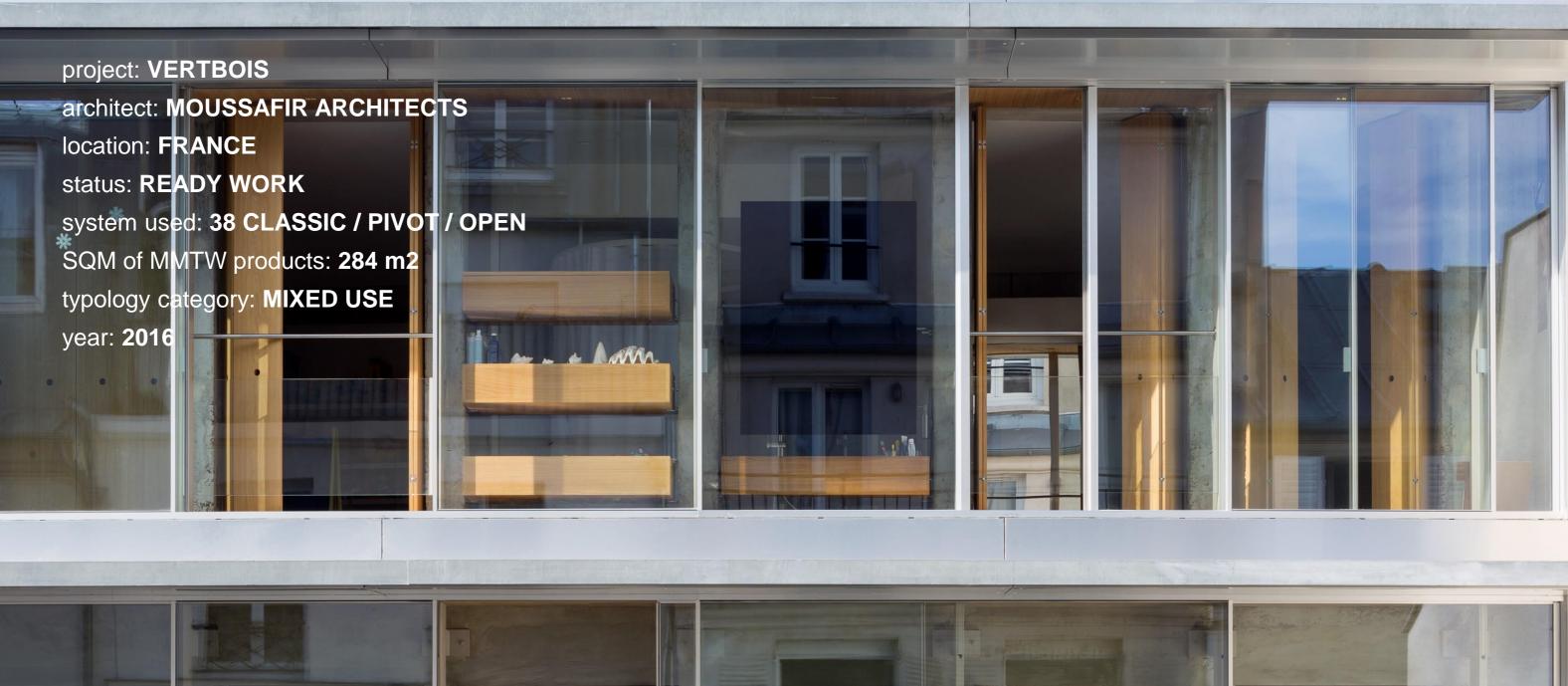




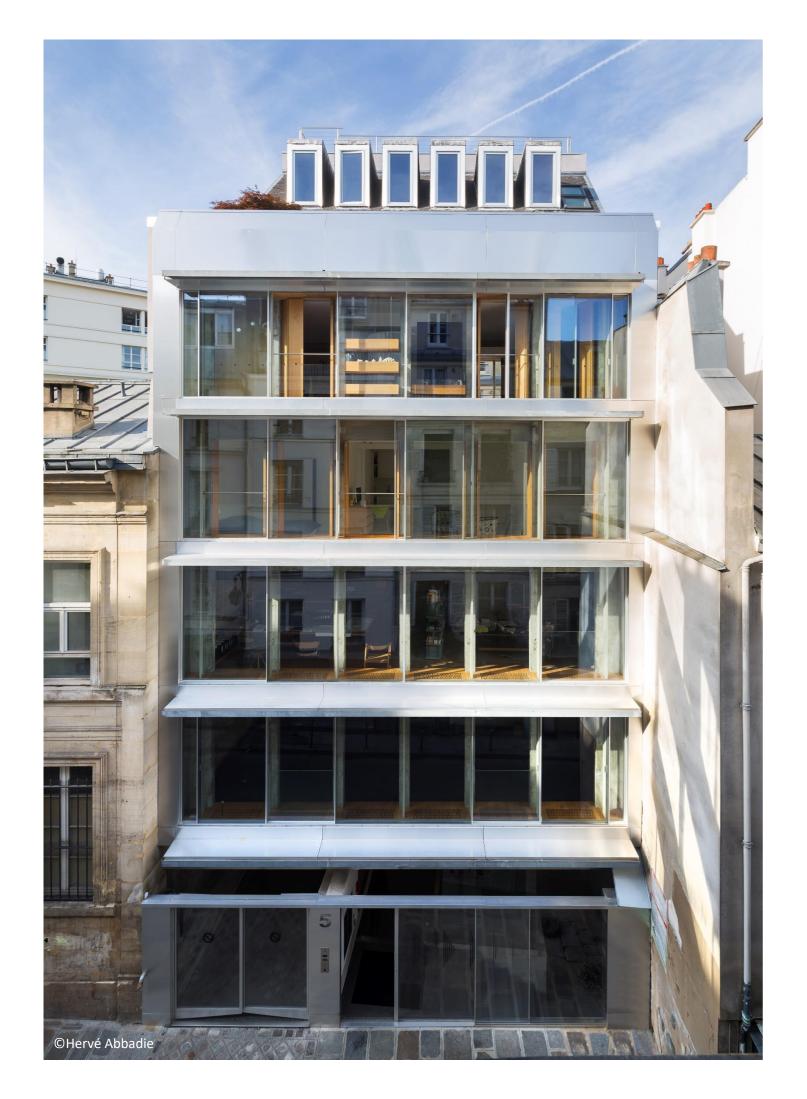








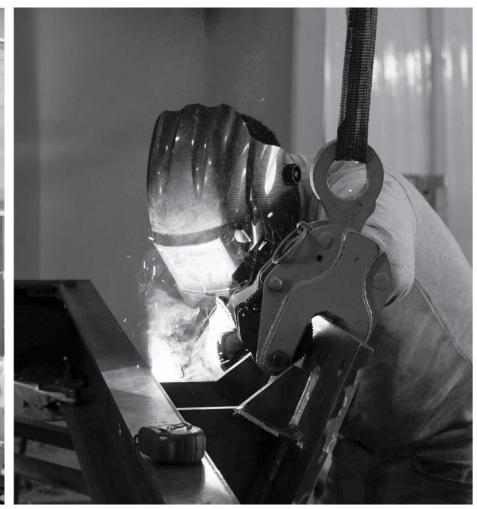






























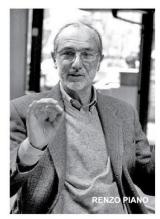
















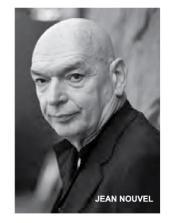


















GENERAL TECHNICAL ADVANTAGES

Much more than a Window is the perfect solution for you project, when the combination of quality, high technology and aesthetics are the main reasons for your choice.

By using self-supporting glasses, our systems push back architectural limits and offer the possibility to use glazed surfaces up to 36m2 per pane.

From the floor to the ceiling, a 20mm vertical reinforced profile provides a minimal appearance, merging indoor and outdoor into one, with top quality guaranteed. The slim and elegant handle provides a streamlined appearance, which combined with a special rolling system, guarantees easy hand opening and maintenance of the panes.

Optionally, for an even higher level of comfort, the system can be motorized and remote controled.

Exceptional watertightness performances; air permeability and wind resistance.

Exceptional binding polyamides and high energy performance glasses assure a top thermal and acoustic efficiency and comfort feeling. Available in single, double and triple glass.

In combination with a safe toughened glass, the exclusive security lock system assures a high-quality level of security to the windows. Having a brand-new security system, we present you a hidden lock, an elegant solution unique on the market.

More than a Window offers a full and complete range of solutions according to each architecture

A technical team, especially dedicated to each market, is in charge of each project, accompanying and providing technical assistance, assembly and after-sales service.

Much more than a Window est la solution parfaite pour votre projet, lorsque qualité, haute technologie et esthétique sont les raisons principales qui guident votre choix.

Des surfaces vitrées de grande dimension nôtre systeme repousse les limites architecturales en proposant des surfaces vitrées pouvant atteindre 36m².

Profils extra fins, affleurement parfait Du sol au plafond, un profil renforcé de seulement 20mm sépare deux vantaux vitrés, pour une apparence minimale. Les poignées fines et élégantes, équipées d'un système de verrouillage invisible, offrent une apparence fuselée. Combinées avec le système de roulement inédit les fenêtres bénéficient d'un maintien parfait, ainsi que d'une ouverture manuelle sans effort.

Capacité d'étanchéité à l'eau exceptionnelle, perméabilité à l'air et résistance au vent.

Des joints en polyamide exclusifs combinés à des verres à haute performance énergétique assurent un rendement thermique et acoustique supérieur, et apportent un sentiment de confort. Disponible en simple, double et triple vitrage.

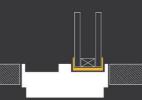
Combinées avec des verres trempés autoportants, le système exclusif de verrouillage offre à vos fenêtres un niveau de sécurité de haute qualité. Grâce à notre tout nouveau système de sécurité, nôtre produits vous offrent une solution de verrouillage exclusive sur le marché.

Much more than a Window offre une gamme complète de solutions qui s'accorderont à chaque projet et chaque besoin.

Une équipe technique composée d'architectes, d'ingénieurs et de chefs de projets est exclusivement dédiée au marché français, et assure le suivi de votre projet, l'assistance technique, l'installation et le service après-vente.



GENERAL TECHNICAL INFORMATION



Rw: 38 db

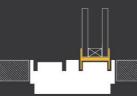
RC2:(WK2)

up to Uw 1.0 W/ m2 K

Uq = 0.7

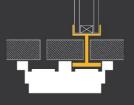
Calculation module 4.60 x 3.00 ISO EN 10077-1 + ISO EN 10077-2 (up to)











CLASSIC

Impact Resistance

ISO EN 12600 + ISO EN 1630

Standard sliding system, with excellent performance levels in watertightness, air permeability, resistance to wind loads and also thermal insulation.

The system uses a toughned glass that allows an optimized resistance, with surfaces up to 18m² per glazed page.

Vertical profiles with only 20mm thickness prepared for a superior thermal, water and air permeability performances

Exclusive sliding system with vertical double rollers, for a smooth hand opening with no effort needed.

8A (450 Pa or 95 Km/h)

(600 Pa or 110Km/h)

Class C5

Class 5

PLUS

PLUS is an exclusive minimal window system, characterized by an innovative system (bottom and top position), with all the rim profiles perfectly flushed to the construction materials. It offers an outstanding performance in water tightness, air permeability and resistance to wind loads.

PLUS is also equipped with an exclusive anti-freeze system (bottom position), which is optional.

PLUS has a hidden high security lock on the handle position. A slim and elegant handle equipped with a hidden lock system, provides the window a streamlined appearance, leading to the limit the minimal essence, allowing also an improved level of security, combined with an intuitive and simple user experience.

Acoustic Insulation

Security

Rw: 42db

RC2:(WK2)

Ug = 0.7 up to Uw 1.0 W/ m² K

mittance Calculation module 4.60 x 3.00 ISO EN 10077-1 + ISO EN 10077-2 (up to)

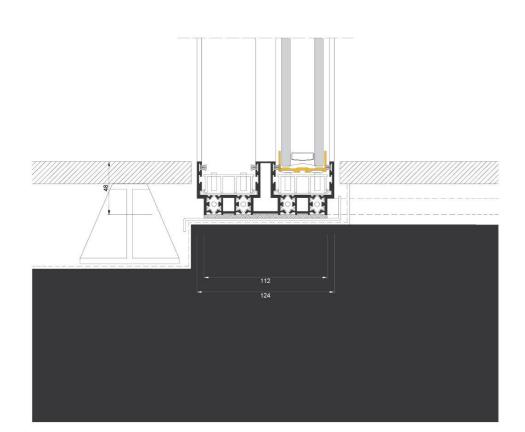
FUSION 1.0

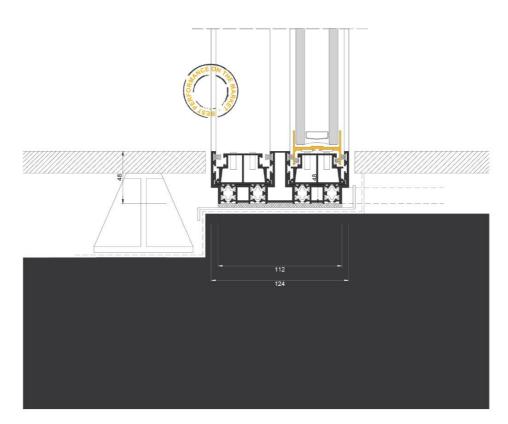
FUSION offers you a system which is completely built into the finished materials, as if the window had merged with the building to become a single entity. **FUSION** system incorporates rim profiles with reinforced binding polyamides and toughened glass, providing better thermal and structural performance. **FUSION** system is innovative, and is the only existing system which is completely built-in on all four sides of the frame, allowing the perfect fusion and continuity between interior and exterior space.

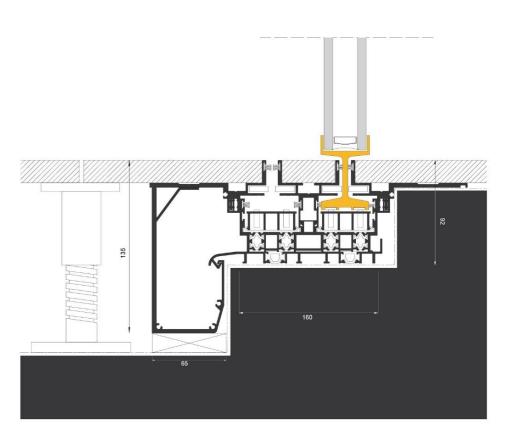
In addition, the **FUSION** system incorporates a gutter capable of channeling a large amount of rainwater even in extreme situations

This system has achieved exceptional results on leakage tests, with an e1650 class exceptional, (7 classes above class 9a) according to en 12208 + iso en 1027.

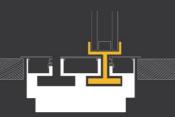














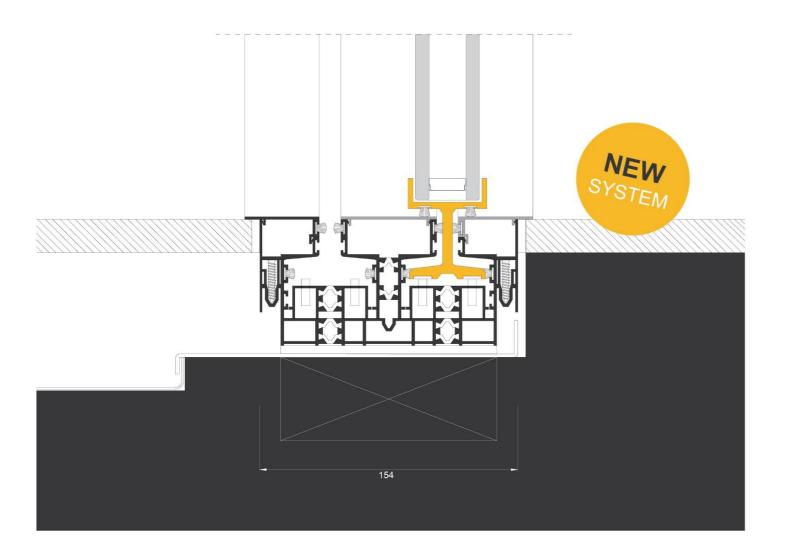
FUSION 2.0

FUSION 2.0 is the new minimalist sliding window system from OTIIMA, Much more than a Window, that merge function, performance and maintenance in an innovative and exceptional way, combining the best thermal, acoustic and permeability performances according to air and water tightness, superior design that blends and perfectly integrates the building, and a unique maintenance caracter, which simplicity like the replacement of the final finishing caps at any time during the life of the building, during or after construction, can be even done by the final user.

At the same time, the system still allows it perimeter cavities below the removable finishing caps, to be transformed into technical spaces for different uses, from mechanical fixings to thermal probes for heating, insulation, lighting, and drainage sensors.

<i>Q</i>	Watertightness	1	E1650
	ISO EN 12208 + ISO EN 1027	:	(7 classes above 9A)
i	Air Permeability	:	Class 4
	ISO EN 12207 + ISO EN 1026	;	(600 Pa or 110Km/h)
æ	Wind Resistance	1	Class C5
	ISO EN 12210 + ISO EN 12211	1	(1200 Pa or 155 Km/h)
~	Impact Resistance	1	Class 5
	ISO EN 12600 - ISO EN 1620	1	(In 6 possible classes)





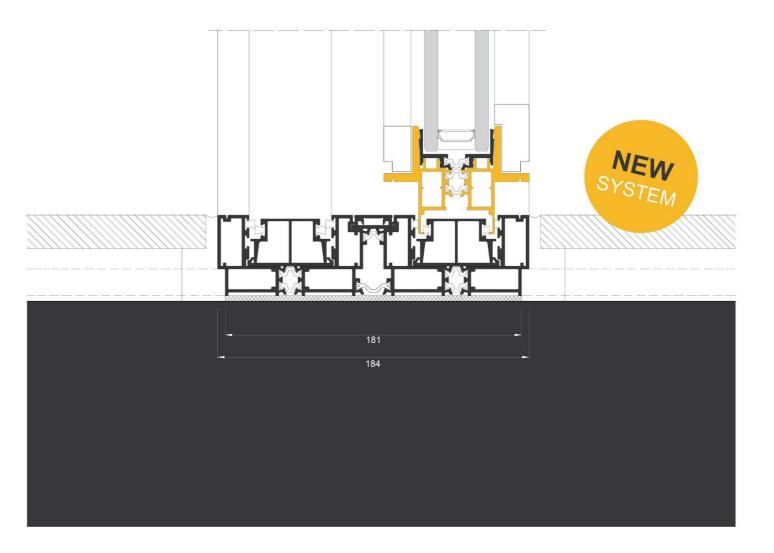
FLEX by CA

FLEX frame is an architectural glazing product, that combines the highest technical performance of today's most demanding standards in the construction market, with the elegance and delicacy of minimalist steel and wood frames hand-made by metal workers, with the additional advantage of solving a diversified range of typologies and solutions in a unique integrated and consistent visual language of the various frames, merging the entire solution in the construction with the purest and simplest appearance.

FLEX frame optionally allows the integration of a wooden decorative sub-frame, which can take on various dimensional and expressions, enhancing the window and making it an integral element of the architectural composition.

"Sometimes we want to merge the window in the building to a minimal expression. Sometimes we want to have a visual framing, a window enhancement as a composition element. Other times we want both expressions to value a particular composition." CA







PLUS system

38 PLUS received the distinction "Red Dot". A result of the cooperation between MMTW and AMIITO-TECH that created an outstanding design that the expert committee for the Red Dot Award: Product Design 2017 has recognised with the internationally sought-after seal of quality. 38 PLUS is an exclusive minimal window system, characterized by an INNOVATIVE SLIDING SYSTEM (BOTTOM AND TOP POSITION), with all the rim profiles perfectly flushed to the construction materials.

This system provides to the glazed panels a superior stability by using vertical and horizontal bearings, offering also an o utstanding performance in water tightness, air permeability and resistance to wind loads. 38 PLUS is also equipped with an exclusive ANTI-FREEZE SYSTEM (BOTTOM POSITION).

This innovative hidden system provides the anti-condensation process on the glass panels. This system also potentiates the defrosting of any ice formations inside windows gutter system, providing improved water drainage, even under extreme

weather conditions.
38 PLUS has a HIDDEN HIGH
SECURITY LOCK (HANDLE POSITION). A slim and elegant handle equipped with a hidden lock system, provides the window a streamlined appearance, leading to the limit the minimal essence, allowing also an improved level of security, combined with an intuitive and simple user experience.

38 PLUS a reçu la distinction "Red Dot".
Résultant de la coopération entre MMTW et
AMIITO-TECH qui a créé un design exceptionnel
que le comité d'experts du Red Dot Award:
Product Design 2017 a reconnu avec le label de
qualité internationalement recherché.
38 PLUS est un système exclusif de
fenêtre minimaliste, caractérisé par un système
de glissement innovant (fond et position haut), a
vec tous les profils de jante parfaitement rincés a
ux matériaux de construction.
Ce système fournit aux panneaux vitrés une
stabilité supérieure en utilisant des paliers
verticaux et horizontaux, offrant également u
ne performance exceptionnelle dans
l'étanchéité à l'eau, la perméabilité à l'air
et la résistance aux charges de vent.
38 PLUS est également équipé
d'un système antigel exclusif
(POSITION INFÉRIEURE).
Ce système caché innovant assure le
processus anti-condensation sur les p
anneaux de verre. Ce système favorise
également le dégivrage de toutes les formations d
e glace à l'intérieur du système de gouttières
de fenêtres, assurant un drainage amélioré
de l'eau, même dans des conditions
météorologiques extrêmes.
38 PLUS possède un VERROU
HIDDEN HAUTE SECURITE
(POSITION DE POIGNÉE).
Une poignée fine et élégante équipée d'un
système de verrouillage caché, donne à la fenêtre
une apparence simplifiée, conduisant à limiter
l'essence minimale, permettant ainsi un niveau de
sécurité amélioré, combiné avec une expérience
utilisateur intuitive et simple.

utilisateur intuitive et simple.



reddot award 2017 winner









Much more than a Window.

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