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Dr. Stefan Breit (Managing Director, Technology), Dr. Markus Miele (Managing Partner), Olaf Bartsch (Managing Director, Finance and Central Administration), Dr. Reinhard Zinkann (Managing Partner) and Dr. Axel Kniehl (Managing Director, Sales and Marketing).

When the Miele company was first established in 1899, Carl Miele and Reinhard Zinkann already had the vision that their products would be used worldwide. That's why they deliberately wrote "Miele - a global brand" on the first wooden barrel washing machines. Today Miele products are found in homes the world over – in individual houses as well as apartment blocks, in hotels, hospitals and on cruise ships.

Architects and Miele have a partnership based on their mutual understanding of quality and longevity. Superior architecture and Miele appliances are perfectly matched in this sense, and achieve excellent performance in first-class residential properties.

Many of these properties are in the most sought-after locations and are among the most exquisite dwellings in the world. This is where Miele is also at home; these are the Miele PLACES.

With this book we are inviting you to discover the distinctive features of our Miele PLACES. We hope you enjoy reading this book.

Miele places

The most exclusive apartments in Hong Kong, historic 'Palais' in Vienna or the largest plus-energy house in Europe: discover selected projects with Miele around the world – and learn what makes these places so special.

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The grown and the built environments

"Architecture is the continuation of nature
in its constructive activity."

Karl Friedrich Schinkel, master builder, architect, town planner, painter, graphic artist, medallist and set designer

Nature

Light like bamboo

Luxuriously verdant Singapore is resplendently tropical – 50 years ago work began to turn the metropolis into a garden city. With his design for Le Nouvel Ardmore, celebrity architect Jean Nouvel raises the dialogue between nature and architecture to a new level: expansive areas of green are also integrated into the vertical lines of the building so the occupants come into contact with nature on every floor.





PROPERTY

Le Nouvel Ardmore
Singapore

USAGE

43 Apartments
Service and leisure facilities

ARCHITECTURE

Jean Nouvel



> The pure, white design of the building is continued inside; discreet and elegant kitchens offer ample space for individual needs.

> A 90 cm oven with 5-line TFT display and two gas hobs are the perfect solution when catering for a large number of guests.



MIELE

- Oven
- Steam oven
- Cooker hood
- Dishwasher
- Coffee machine
- Hob
- Fridge-freezer
- MasterCool fridge and freezer combination
- Warming drawer
- Wine conditioning unit



Lawn instead of ashes

The first Tennis Championships took place in 1877. The All England Lawn Tennis Club still hosts the Wimbledon Championship today. In addition to 19 tennis courts for official games, there are also two large tennis stadiums on the premises: the historic Centre Court and the No. 1 Court which was built in 1997. The standard is first class. The services in the background have to keep up with the pace, in order for everything to run smoothly. That's why Miele Professional machines do the washing and drying in the Club House.





> What was once a leisure tournament for club members and their friends has now become one of the four biggest tennis tournaments in the world: the Wimbledon Grand Slam. The old No. 1 Court was built in 1928 and later had to make way for the new No.1 Court.



PROPERTY

The All England Lawn Tennis Club
Wimbledon
Great Britain

USAGE

Tennis club

ARCHITECTURE

Populous (Centre Court renovation)
Completion: 2009

MIELE PROFESSIONAL

Tumble dryer
Washing machine

A place for tennis too. But above all, his territory. Rufus the club hawk keeps the lawns of Wimbledon free of pigeons.

"He simply belongs to Wimbledon."

Quotation: The Telegraph online, 2nd July 2012

> For two weeks every year, Rufus the Harris hawk has more than usual to do at the All England Lawn Tennis Club. He keeps the premises free of pigeons during the Championships. Play used to be regularly interrupted by pigeons – but now Rufus is on patrol, acting as a natural deterrent.

Falconer Imogen Davis with club hawk Rufus



Over the hills

A unique vista over forest-clad hills is on offer for the occupants of the twelve dwellings at Twelve Peaks. The landscape sets the scene for playful clouds, swathes of mist and a sub-tropical natural experience. A green paradise at the very gates of the millions-strong metropolis of Hong Kong.





> Extensive use of glass guarantees unique views. The extraordinary location makes the houses at Twelve Peaks one of the most exclusive addresses in Asia. The two-storey high airy rooms and kitchens equipped with premium Miele appliances make a stunning impression.

PROPERTY

Twelve Peaks
Hong Kong
China

USAGE

12 houses

ARCHITECTURE

P & T Architects and Engineers
Limited

MIELE

Oven	Dishwasher	Microwave oven
Steam oven	Coffee machine	Warming drawer
Cooker hood	Hob	Washer-dryers

Hard shell, soft core

The coarse, grainy surface of the natural stone façade conveys one thing above all: dependability and a sense of permanence. The detached houses at the Upper West Side development in Toronto, Canada are based on natural materials – inspired by the brooks and forests of the natural environment that surrounds them.





> Prospective owners can choose between classic and modern interiors. Miele has the perfect match; the appliances are available in different designs to blend into every kitchen environment.

PROPERTY

Upper West Side
Toronto
Canada

USAGE

800 luxury detached houses

ARCHITECTURE

Aspen Ridge

MIELE

Dishwasher
Coffee machine
MasterCool refrigerator
Range Cooker
Range Hood

"The environment where the majority of the day is spent determines one's character."

Antiphon von Rhamnus, speaker and politician

Outlook

Gazing into the blue

This is living on the coast – or right at the water's edge. You can gaze into the blue from almost every building on Nurai Island. The waterside villas, which can only be reached by boat, benefit from an extraordinary position. The occupants enjoy a private beach and an uninterrupted view to the horizon. However if you wish to escape from the lonely blue, you can soon reach other shores. Nurai island is only a kilometre away from the cultural hotspot of Saadiyat with the Guggenheim Museum and the Louvre Abu Dhabi.





> The Name of the Island was inspired by the Arabian word for light (Nur) to convey Nurai Island's speciality: villas suffused with incomparable light effects. Overhead lights and water features integrated into the living room create an interplay of light and reflections which can also be found in Moorish and Arabian architecture.

> The villas located on the waterside give you your own piece of paradise. The buildings nestle under a "carpet" of landscaped greenery - and can therefore only be seen from the beach. This offers the occupants a rare level of privacy befitting life on an island.

PROPERTY

Nurai Island Villas
Abu Dhabi
United Arab Emirates

USAGE

31 beach villas
36 waterside villas
Service and leisure facilities

ARCHITECTURE

Dror





> The colours of the pale sand are echoed in the interior in the natural tones of stone inlays and wooden surfaces. Dark-coloured front panels provide an elegant contrast in the kitchen.



MIELE

- | | | |
|-------------|----------------|------------------------|
| Oven | Dishwasher | Warming drawer |
| CombiSet | Coffee machine | Wine conditioning unit |
| Steam oven | Fridge-freezer | |
| Cooker hood | Microwave oven | |

Master plan for Nurai island: creating privacy within a community

Living under a "carpet"

The Dror design studio in New York harmoniously combines art, architecture and design. Interdisciplinary working methods are used to gain a comprehensive understanding of today's living environment and create unconventional solutions. The creativity of the design studio's founder, Dror Benshetrit, is limitless - with his master plan for Nurai Island in Abu Dhabi, he developed an exciting idea that allows luxurious homes to remain private within a community on an island.

What was your task on Nurai Island?

At that point we were just starting out in the world of architecture. The contractor for Nurai visited us in New York. When we showed them a selection of our work on chairs, vases and some crazy and radical architectural concepts, they said "We find your work very thought-provoking. We have a piece of land and would like you to think about it and generate an idea for us."

The original concept of the contract was for a 135,000 m² piece of land off the coast of Abu Dhabi. Luxurious houses were to be built on the island for clients who already own 4, 5 or 6 houses around the world. A hotel would be the focal point of the whole development.

I started to think about what luxury means to people who already have everything. I came to the conclusion that on Nurai, the essence of luxury is privacy. Why would someone who already owns 5 or 6 houses want to have a house and neighbours? Why wouldn't they just buy their own island? But then I considered that people like being with other people; that they like to have company and not to feel alone. This balance between privacy and luxury, company and solitude, was the inspiration for our idea.



Dror Benshetrit, born in Tel Aviv, is the creative head of design studio Dror.

What was the idea behind your master plan for Nurai Island?

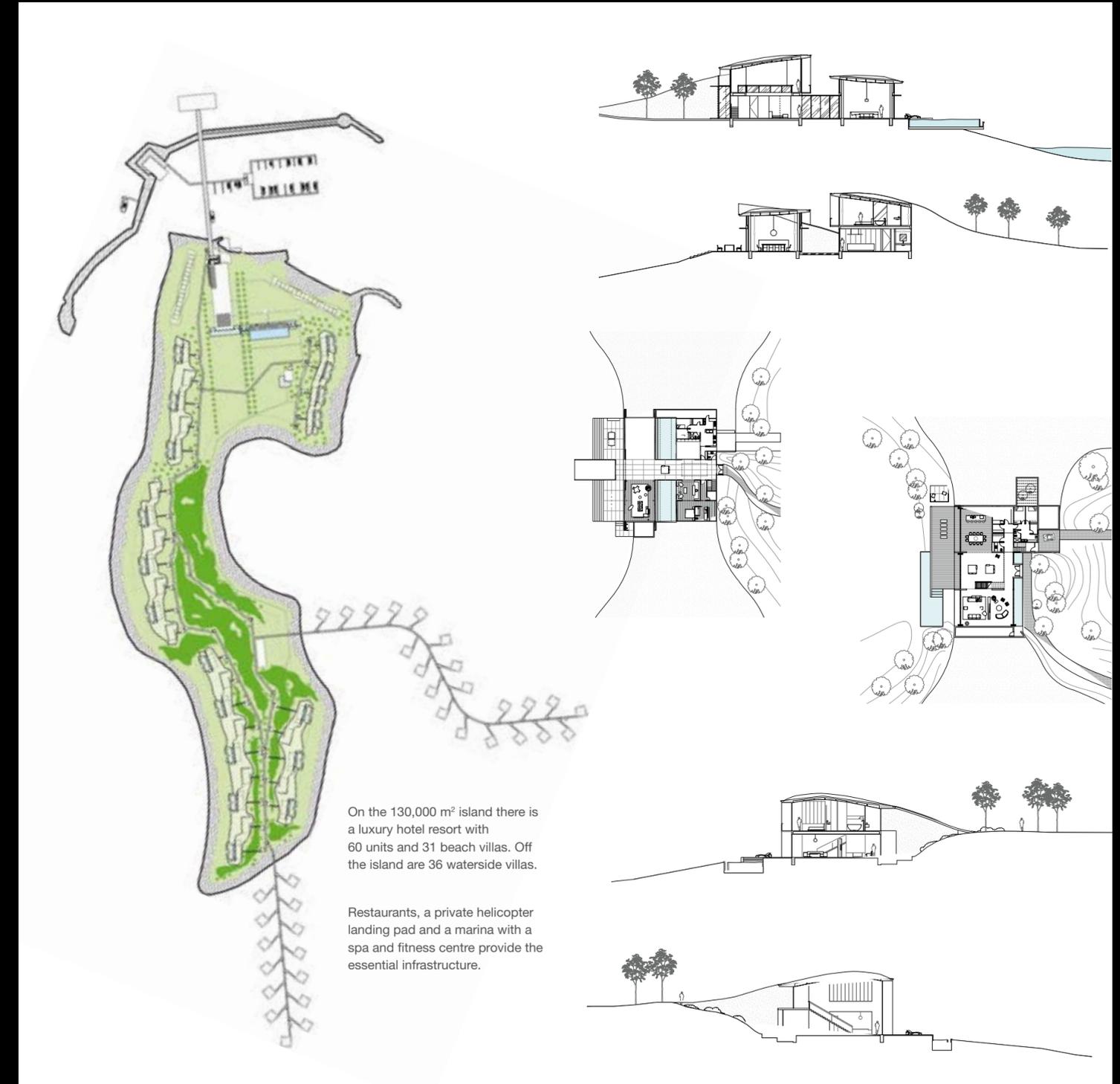
I associate the Persian Gulf with exquisite carpets. The idea of a concealing carpet inspired me. When children are told to tidy their bedroom, they often just push their toys out of sight under the carpet. As adults we also have a childish impulse to just hide things that we don't want to see.

What if we applied a similar approach to this project? What if we covered all the necessary facilities on the island with a carpet of greenery? What if you couldn't see your neighbours from the roof of your own house, even though you know they are there? This approach was the basis of our idea to camouflage and conceal.

Our master plan for Nurai is a continuous green architectural carpet underneath which the houses and facilities are situated. Due to our successful combination of isolation and material comforts, the project was sold out within 72 hours and broke the record for the most expensive dwellings per square metre sold in the United Arab Emirates at that time.



Inspired by the art of carpet weaving in the Persian Gulf, the villas are hidden under a carpet of green.



On the 130,000 m² island there is a luxury hotel resort with 60 units and 31 beach villas. Off the island are 36 waterside villas.

Restaurants, a private helicopter landing pad and a marina with a spa and fitness centre provide the essential infrastructure.

See and be seen

A new generation of extremely slender skyscrapers is altering the New York skyline. At 306 metres, One57 is the seventh tallest building in the Big Apple. Although it's right in the heart of the city, the location near Central Park provides a leafy outlook – and a landmark for the walkers in the park.





PROPERTY

One57
New York
USA

USAGE

95 apartments
210 hotel suites (Park Hyatt)
Service and leisure facilities

ARCHITECTURE

Christian de Portzamparc
Thomas Juul-Hansen (Interior Design)



> Interior design by the Danish designer Thomas Juul-Hansen. Inspired by French modern style, natural surfaces are predominant. The whole interior design of the apartments was created exclusively for One57 – including the kitchens.



MIELE

- Oven
- Cooker hood
- Gas hobs
- Dishwasher
- Coffee machine
- Fridge-freezer
- Washing machine

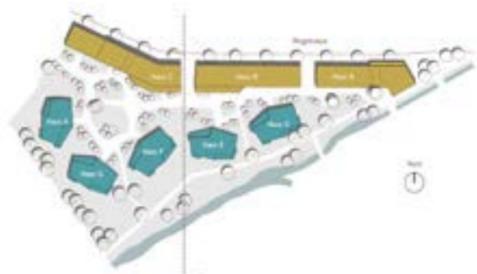
Alpine view

The diverse and ever-changing landscape of eastern Switzerland can be seen for miles. The neuRing development is situated in Gossau, only kilometres from Lake Constance and Appenzellerland. The new development blends skilfully into its surroundings, with a cladded façade which relates to the colours of the natural environment.





> Cooking, eating and living can be seamlessly combined here. Expansive, flexible spaces were developed which find continuity in the terraces.



> Rows of brick-faced buildings line the plot to the north. This leaves room for light and space behind. Five signature houses are spaced out on the generous green plots of the development. The village stream forms the southern boundary of the area.



PROPERTY

neuRing
Gossau
Switzerland

USAGE

Apartments, lofts, businesses

ARCHITECTURE

Daniel Cavelti Architektur AG (Project design lead)
ARCHPLAN AG ARCHITEKTEN (Project development, implementation planning)

MIELE

Oven	Fridge-freezer
Cooker hood	Tumble dryer
Dishwasher	Washer-dryers
Hob	

Maximum view

Extremes are skilfully combined in Dubai: desert and water, horizontal and vertical. The Volante apartment tower enjoys one of the best locations right on the Dubai Water Canal, which connects Business Bay with the Persian Gulf. Thanks to full-height windows there is an uninterrupted view of life on the canal and the tallest building in the world, the Burj Khalifa.





> 45 superior apartments distributed over 35 floors – each with a terrace that can comfortably seat ten people. Generously-proportioned MasterCool refrigeration appliances from Miele provide sufficient space to chill everything to perfection, even for the largest of gatherings.



PROPERTY USAGE PROPERTY DEVELOPER

Volante
Dubai
United Arab Emirates

45 apartments
Service and leisure facilities

Xtreme Vision



> The "Light Kitchen" opens onto the living area. The Zebrano cladding used on walls and furniture gives the kitchen a distinctive appearance. The built-in appliances blend into the geometric lines of the kitchen design – black handles on black appliance fronts create a discreet look.

MIELE

Oven with microwave
Cooker hood
Dishwasher

Hob
MasterCool wine conditioning unit



> Italian travertine on the floor is combined with Jordanian limestone and delicate stucco on the walls. The living room extends seamlessly onto the terrace via full-height sliding windows.



Tradition meets Modern

"You have to be wide awake to dream well.
Even a castle in the air depends on the architect."

Karlheinz Deschner, Author

Time

Tradition meets Modern

In – and around – one of the oldest streets in Vienna, the Herrengasse, noble families were immortalised by their stately residences. A timely and successful metamorphosis has taken place: the renovation of both Palais Trauttmansdorff and Batthyány-Strattmann has created extraordinary dwellings in the very heart of Vienna.





> Contrasts abound: kitchens are simply freestanding as objects in the historic surroundings. Refrigerator, oven and steam oven are neatly located at the narrow ends of the kitchen block.



> Steeped in history: the Herrengasse was originally used for military purposes. Even back in medieval times the houses were sought after by the nobility.



> Living in the original: the state rooms of the Palais Trauttmansdorff are almost entirely preserved in their original state. The guidelines for preservation of historical monuments have been followed to the letter during the sensitive restoration procedure.

PROPERTY	USAGE	ARCHITECTURE
Palais, Palais. Vienna Austria	22 apartments	Mittermair Architekten



> Made-to-measure hand-made cabinets blend unobtrusively into the historic rooms. The milled handles are a particular feature of craftsmanship.

MIELE

Oven
Steam oven
Cooker hood
Dishwasher

Hob
Refrigerator
Wine conditioning unit

Vienna: contemporary living in two palaces rich in tradition in the Herrengasse.

"The Palais tell a seven hundred year old story."

Many have experienced the grandeur of the palaces in the Herrengasse: noble occupants and hotel guests, or in more recent times, as the editorial headquarters of the "Standard" daily newspaper. Today the Palais Trauttmansdorff and Palais Batthyány-Strattmann can be inhabited again – at least the upper floors. The architect Martin Mittermair talks about the attraction of old walls and integration of modern comforts.

What was it like to delve into the historic interior life of the building – were there surprises?

The comprehensive examination of the Palais Batthyány-Strattmann and Trauttmansdorff, which lasted almost two years, did indeed uncover many surprises. The Herrengasse in the centre of Vienna follows the Roman road from the 1st century A.D. which connected forts with legionary camps. For example, a spoil* of a Roman grave aedicula was found in the cellar vaults of the Palais, and now adorns the grand staircase of Palais Trauttmansdorff. Or, to give an example from the Baroque period, today a unique octagonal stairwell that could be attributed to Fischer von Erlach graces the Palais Batthyány-Strattmann in all its refurbished finery.

Both palaces tell a seven hundred year old story of architecture, society and politics, which manifests itself in a variety of structural transformations. From the outset, my goal was to bring the historic and lavish sequence of rooms back to life. This also meant reversing certain structural changes made in the 20th century.

* Spoils are artefacts from older cultures which are reused in new renovations.



Martin Mittermair Architect DI MSc, Master building fitter, Diploma in Architecture at the Technical University Vienna, Master's Degree in Urban Strategies, Postgraduate Programme at the Academy for Applied Arts Vienna. Established in 1995. Atelier Mittermair Architekten in Vienna. Design and realisation of private dwellings, town houses, apartment blocks and public buildings.

Is the design of the apartments a reconstruction of the historic original?

The design of the apartments is not a reconstruction, because fortunately the state rooms of the Palais Trauttmansdorff have been almost completely maintained and could therefore be restored holistically following key historical monument preservation criteria. Essential technical constructions, to meet the demands of current modern convenience, were integrated almost invisibly into the historic fabric. Spatial extensions of the state rooms and all further 21 apartments are articulated independently and contemporarily in a design language based on their historical legacy.

How do you unite historic substance with the high demands of modern convenience?

The union of historic substance with today's demands for convenience requires precision planning and workmanship of the highest degree. So for example the new windows were made to the exact historic profiles, but with modern coating technology integrated into the dimensions and compliance with current requirements for insulated glass. However, the visible window handles were newly cast in accordance with the historic prototypes.

Heating and cooling appliances, all electrical installations, data cabling etc. was fully and invisibly integrated into the staterooms. To do this, the wood panelling had to be carefully removed from the walls and then refitted when the installation of the technical systems was complete.

Is it typically Viennese to live in a palace?

Living in a palace is also unusual in Vienna. The vast majority of Viennese palaces are used by public institutions and ministries as offices and meeting rooms. Fortunately, the proprietor, the Karl Wlaschek Private Foundation, took the opportunity to make both houses available to the public again in the form of rented apartments – entirely in keeping with the purpose of the Foundation: general philanthropy and maintenance of significant and protected buildings for the cityscape.

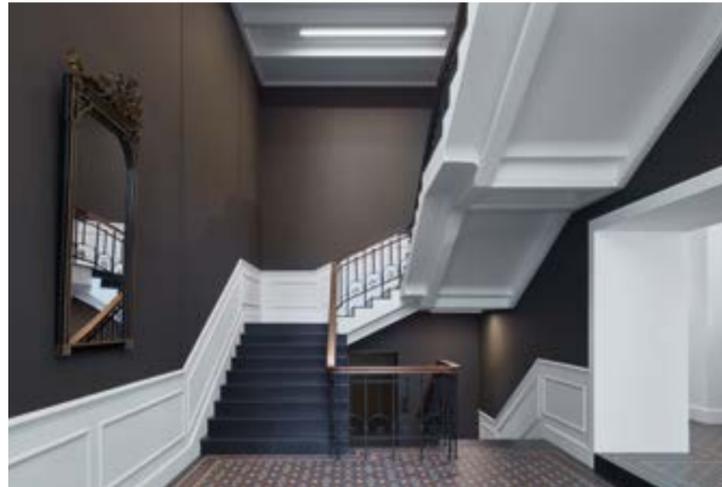


Making new out of old; modern heating and refrigeration appliances, electrical installations and data cabling had to be fully integrated into the existing substance of the building.

Rejuvenated interior life

The St. Nickolas Apartments, only a few steps away from the Kremlin, demonstrate that historic buildings and modern living are not mutually exclusive. These stunning apartments, flooded with light, have been developed with great respect for the existing structure here in one of the oldest streets in Moscow.





> The glory of times past remains tangible; the building on Nikolskaya Street which was built in 1900 was previously a commercial property. The historic façade generates an exciting contrast with the straight, clean lines of the interior.

> The staircase becomes a sculpture – and gives access to the roof terrace from the top floor.

PROPERTY

St. Nicholas Apartments
Moscow
Russia

USAGE

41 apartments

ARCHITECTURE

Tsimailo Lyashenko and Partners

MIELE

Oven	Fridge-freezer
Cooker hood	Microwave oven
Dishwasher	Washing machine
Hob	



> The historic doors lend the apartments a particular charm. State of the art technology: superior Miele appliances leave nothing to be desired in terms of convenience, functionality and design.



Translating the past

Windsor Arch, which comprises 1,512 apartments, takes inspiration from the United Kingdom for more than just its name; the exterior also invokes the classical residences of Europe. In this sense, the colour palette is authentic – the elegant façade of the 6-storey plinth building is clad with pale sandstone. Even the dimensions are majestic; the linear-structured complex extends for 500 metres.





> A luxurious marble floor and majestic pillars create a magnificent entrance hall in each of the ten apartment towers. From here the towers of 47 floors can be accessed.



> Precious materials and select details make majestic apartments of the interior rooms. The Gate of Harmony designed by the Italian architect Valerio Festi forms the main entrance to the complex (further information on p.78).

PROPERTY

Windsor Arch
Macau
China

USAGE

Apartments
Service and leisure facilities

ARCHITECTURE

MAP (Concept)





> The luxurious interior design transposes the splendour of European culture from bygone centuries into today's world – including the kitchen appliances. Miele has the perfect solution for every kitchen environment. A variety of appliance colours or a decorative handle collection to enhance the appliance offer different design options.



MIELE

- | | | |
|-------------|----------------|------------------------|
| Oven | Coffee machine | Tumble dryer |
| Steam oven | Hob | Warming drawer |
| Cooker hood | Fridge-freezer | Washing machine |
| Dishwasher | Microwave oven | Wine conditioning unit |

Windsor Arch, Macau: Golden Entrée of Studio Festi by Mymoon

"We are telling unforgettable stories."

Inspired by the lively exuberance of Italian Baroque, the artists of Studio Festi by Mymoon Valerio Festi and Monica Maimone create scenery for outdoor events. Enormous, magical fairytale spectacles were created with oversized swans, planet-like luminous hot-air balloons and dancers. The event architects brought their first project to fruition at Windsor Arch in Macau – and not (just) for that event - a gigantic golden gate: the Gate of Harmony.

How did the idea for the Gate of Harmony evolve?

Valerio Festi: In 2008 Studio Festi put on a large event in Macau for the arrival of the Olympic flame. I struck up a close friendship with the contractor for the event, Mr. Ng Lap Seng. Mr. Ng was just planning the construction of Windsor Arch and tasked me with designing the gate. We created more than 30 drafts. The idea is to unify various universal symbols on the gate. The bottom part represents the earth and is

realised in marble, in the centre of the gate is a tree, which in many mythological stories is the mediator between heaven and earth. The sides show nature and birds, the top part heaven and infinity. The gate measures 11.56 m by 23.5 m and is proportioned according to the golden ratio.

Which techniques have you used?

Valerio Festi: During the process of realisation we combined traditional Italian craftsmen's techniques with modern technology. Cast bronze, gold leaf and wrought iron, but also water jet cutting and 3D printing with aluminium. The design process was very intensive; we created an incredible number of partial models and individual figures of different types. For us it was important to create something enduring.



The Gate of Harmony should represent timelessness and harmony. It is full of meaning: every symbol tells its own story.

The peacock: immortality, spiritual rebirth, beauty and nobility. He is also shown in conjunction with the phoenix, the mythological creature symbolising resurrection.



The horse: nobility and boundless freedom. He unites harmony and strength in mysterious ways - and lets the rider be at one with him.



The vase: abundance and wealth. Symbol for the soul, the inner life of man. Also for motherhood – a warm and protective place.

The masks: change, the seasons. Between reality and fantasy. Symbol for play and jest – but also for the double, who is showing (another) part of his identity.



High-tech, Classic Look

Behind the Wilhelminian-style façade from 1908, one of the most exclusive smart homes in Germany has been developed. With the key words "Instant Comfort", the Apartimentum in Hamburg offers innovative technical solutions that work intelligently and intuitively with daily life – in a magnificent setting.



> The Art nouveau architecture of the Wilhelminian-style building was worthily reinterpreted. Xing-founder Lars Hinrichs, with the Apartimentum, offer convenience on all levels to people who are only staying in Hamburg for a short time: the service of a hotel, the flexibility of a boarding house and the luxury of a premium private apartment.



> The occupants are assisted in every aspect by intelligent technology: the lift can be called via an app, the lift door opens automatically as soon as the smartphone recognises the respective occupant, and the rooms are equipped with USB sockets throughout.



PROPERTY

Apartimentum
Hamburg
Germany

USAGE

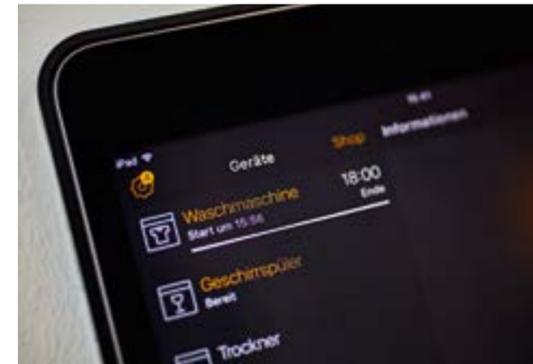
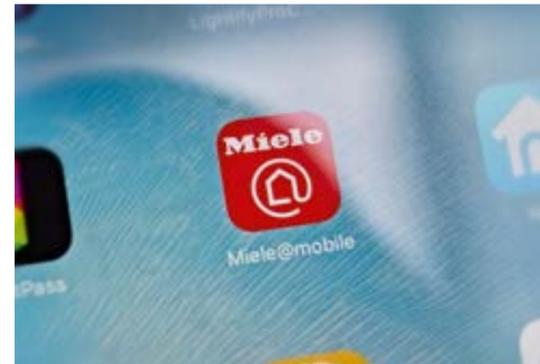
42 apartments

ARCHITECTURE

KPW Papay Warncke und Partner Architekten



> Wilhelminian architecture meets the most modern technology: the kitchen is at the very heart of the apartment and with an oven and wine conditioning unit, offers the ultimate in convenience for the most enjoyable times.



> Via the Miele@mobile app, the user has all domestic appliances in sight and even has access to certain functions on the move. The network-enabled appliances also offer an advantage for safety: appliance status can be checked while out and about.

MIELE

- | | | |
|-------------|----------------|------------------|
| Oven | Dishwasher | Miele@home |
| Steam oven | Hob | Heat pump dryers |
| Cooker hood | Fridge-freezer | Washing machine |

Density and breadth

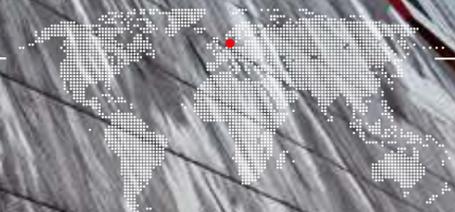
"Architecture is the artistic, correct and consummate play
of structural elements collected in the light."

Le Corbusier, architect, architectural theoretician, town planner, painter, artist, sculptor and furniture designer.

Concentration

Concentrated in form

Urban density is made into a plus point by the intelligent concept of the Mountain Dwellings: the bottom two thirds of the building volume is a garage, on top of which 80 terrace apartments are situated. Perforated aluminium plates depict Mount Everest on the north and west façades – and at the same time bring light and air to the parking decks.





> Living in the town becomes living in the country here: the terraced arrangement creates a relaxed ambience and gives room for spacious roof gardens which display a different character depending on the season. A self-sufficient idyll: a comprehensive watering system cares for the vegetation.



> Enjoy relaxed living in the suburbs as well as the proximity to the lively centre of Copenhagen. The new Ørestad district is being developed as a planned town – modern accommodation for 20,000 people is being planned and built here.

PROPERTY

Mountain Dwellings
Ørestad, Copenhagen
Denmark

USAGE

80 apartments
Garage

ARCHITECTURE

Bjarke Ingels Group (BIG)

MIELE

Oven
Steam oven
Hob

Lots of energy in the smallest of spaces

By 2050 electricity from renewable resources is to provide 80% of Germany's requirements. Wind energy cannot be created efficiently in the inner cities. However, there is lots of room for solar panels on the roof and all façade surfaces of the buildings and tower blocks. The Aktiv-Stadthaus (townhouse) in Frankfurt shows how change can succeed: the building produces all the energy required by the occupants itself, via a photovoltaic system.





> Not only are the dimensions of the Aktiv-Stadthaus extreme, at 150 metres long and 10 metres deep. The energy concept is also unique. The combination of a highly insulated building envelope and active energy production makes the Aktiv-Stadthaus a plus-energy building. This makes it one of the most innovative multi-storey residential buildings in Europe. 1,000 highly efficient photovoltaic modules on the roof and 330 modules on the façade produce electricity. The building produces all the electricity that the occupants require for heating, showers, household needs, lift and driving.

PROPERTY	USAGE	ARCHITECTURE
Aktiv-Stadthaus Frankfurt Germany	75 apartments Service facilities	HHS Planer + Architekten AG



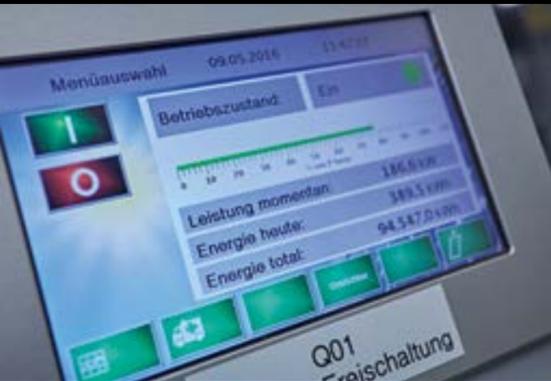
> The domestic appliances in the kitchen such as washing machine and tumble dryer are included in the rental. These appliances have been integrated into the building's control system in five test apartments. The Aktiv-Stadthaus also acts as a research project. Electric cars are available in the basement for car sharing. The cars are charged up with electricity produced by the building itself.



MIELE

- Oven
- Cooker hood
- Dishwasher
- Hob
- Fridge-freezer
- Miele@home
- Tumble dryer
- Washing machine

There is only one topic here: Energy!



Plus-energy houses have mostly been built as individual houses up to now. The Aktiv-Stadthaus in Frankfurt, probably one of the largest plus-energy houses in Europe, shows that positive energy balances are also achievable in multi-storey residential buildings. The concept: a highly efficient photovoltaic system on the roof and façades generates electricity which is stored in batteries in the basement of the building. A heat pump also makes heat from the waste water channel usable for heating and hot water. In this way the building generates all the energy required by the occupants itself.

The effectiveness of this innovative concept will be studied intensively over the next few years. Therefore development partners are on board with the monitoring and evaluation of results – the Steinbeis-Transfer Centre for Energy, Buildings and Solar Technology as well as the Technical University of Darmstadt.

For this purpose the usage patterns of the occupants are also observed. Individual energy consumption is visible on a display in each apartment and the amount of energy the building is currently producing can also be seen. The target is to match supply with demand. The consumer should not be limited by these measures – rather, the assumption is that the information will encourage a more conscious consumption of energy.

"Solar construction with its current possibilities does not limit architecture; it sets new challenges – and new levels of freedom", said German Federal Minister Barbara Hendricks at the opening of the Frankfurt Aktiv-Stadthaus. The Aktiv-Stadthaus demonstrates that these challenges can be met.

Year of construction: 2015
 Builder: ABG Holding (city-owned Frankfurt Residential Housing Association)
 Number of apartments: 75

Heated net floor area: 6,480 m²
 Heated building volume: 31,217 m³
 Energy surplus: 43,622 kWh/a*
 * this corresponds to the annual mileage of a medium electric car of approx. 256,600 km (17 kWh/100km)

Eco values:
 External walls: 0.13 W/(m²K) (averaged)
 Roof above 7th floor: 0.09 W/(m²K)
 Windows with triple glazing: 0.72 – 0.80 W/(m²K)

The future of living is already here in Frankfurt: large-surface photovoltaic elements in the façade show that new paths are being trodden here. A display in the living room shows the occupants their energy consumption. All the technology in the building is based on saving energy and intelligent control. This is how self-sufficient energy supply works.

Added "en bloque"

The "Grande Dame" Ritz-Carlton Montreal has arrived in modern times: an extension now offers space for luxury apartments. This was docked onto the western façade like a glass rucksack - the only option to create more space while at the same time almost completely maintaining the historic façade.

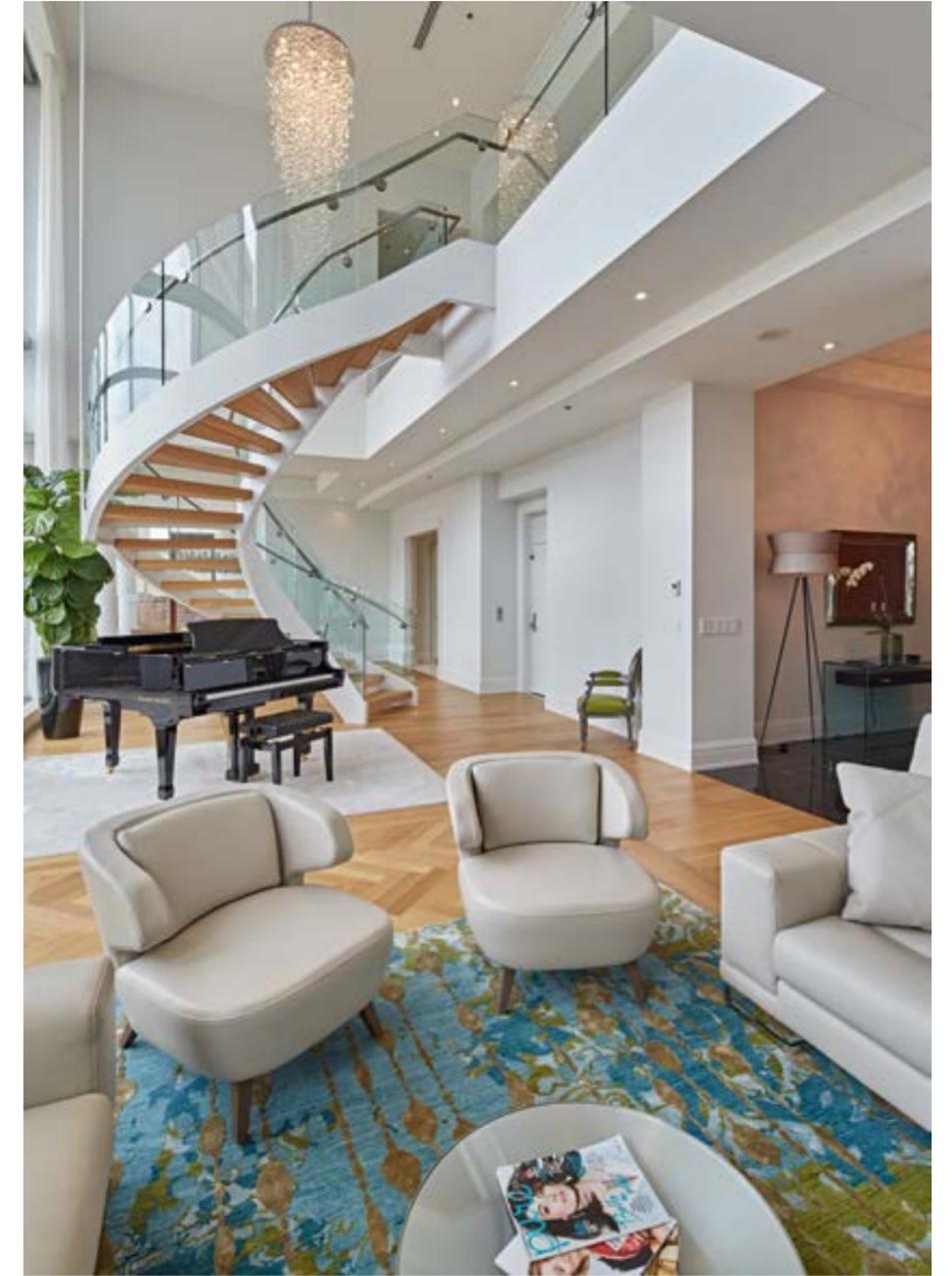




> Historic charm: prominent guests such as Winston Churchill, Elizabeth Taylor, Queen Elizabeth II and the Rolling Stones were welcomed in the imposing reception hall.



> A new two-storey structure on the roof creates more space. Restructuring of the interior reduced the original 229 rooms to less than half, to bring the room specifications up to the standards of today's luxury hotel rooms. The 45 "Les Résidences" also offer a permanent home to families. This means that the Ritz Carlton relives a tradition of its finest times, when two thirds of the guests called the building their "home".



PROPERTY	USAGE	ARCHITECTURE
Ritz-Carlton Montréal Montreal Canada	Hotel	Provencher_Roy (renovation)



> When in 1912 César Ritz, father of the legendary Hôtel Ritz in Paris, gave his name to the hotel in Montreal, he also laid down the "Ritz standards": each room was given its own bathroom and there was a kitchen on every floor. This meant that Room Service could serve separate courses individually to the rooms. Today the Ritz-Carlton "Les Résidences", which are permanently occupied, are also equipped to the very highest level: domestic appliances from Miele offer a particular product experience, both in the kitchen and behind the scenes for washing and drying.

MIELE

- Cooker hood
- Dishwasher
- Coffee machine
- Hob
- Tumble dryer
- Warming drawer
- Washing machine
- Washer-dryers

Urban privacy

Peaceful, reserved, calm: living near the centre can also look completely relaxed. The Lautengarten in Basel offers elegant apartments behind ochre façades – and opens up unobtrusively to the outdoors via roof gardens and large balconies.





> The generous roof gardens radiate Mediterranean ambience – and these can be used frequently as Basel is renowned for its good weather. The restrained colour palette does not impose anything, but leaves space for leisure.

PROPERTY

Lautengarten
Basel
Switzerland

USAGE

Housing development

ARCHITECTURE

Carabelli Architekten AG



> A stainless steel work surface is combined with a wall covering of elegant and easy-care glass. The quality of the building is continued in the appliances: the latest generation Miele domestic appliances make the kitchen a haven of convenience. The highlight: a frameless built-in ceramic glass induction hob.

MIELE

- | | |
|-------------|-----------------|
| Oven | Hob |
| Steam oven | Fridge-freezer |
| Cooker hood | Tumble dryer |
| Dishwasher | Washing machine |

Static and dynamic

"Architecture consists of a dream, imagination, curves and empty spaces."

Oscar Niemeyer, Architect

Movement

Riding the waves on the fjord

Movement and rest seem to determine themselves here: the smooth surface of the fjord water becomes a mirror for the two soft crests of The Wave. As a link between water and land, countryside and town, the building sets an energetic focus – and completely redefines living by the water.





> White glazed tiles sparkle on the roof surfaces and give The Wave a maritime character. Not visible from the outside: many of the apartments are spread over two levels.



> Overlooking the fjord: full height windows offer magnificent views. There are balconies on both sides of the apartments with views towards the town from the rear-facing ones.

PROPERTY	USAGE	ARCHITECTURE
The Wave Veje Denmark	115 apartments (After completion of all five blocks)	Henning Larsen Architects



> Horizontal ribbon windows frame the fjord landscape and the view of the neighbouring wave. In this way, light and nature become a characteristic part of the interior.



> Curved cabinet corners continue the wave motif as a skilfully crafted detail in the kitchen.



MIELE

Hob
Wine conditioning unit



Bold appearance

To optically break up the large volume of the tower block, the architects gave Toranomon Hills a characteristic silhouette: with its diagonal-cut base the block has become a visible landmark far and wide. Benchmarks were even set underground: the tunnel leading to a new ring road runs through the basement. An ingenious construction combines arterial roads and architecture – leaving space above ground for coherent urban space and green areas.





> Top: the Toranomon mascot pops up everywhere in the building. The "Robot cat" represents the innovative future of Tokyo, for which Toranomon Hills aspires to be the trendsetter.

Bottom: a three-storey green atrium makes the shop and restaurant area a high-quality leisure area.

PROPERTY

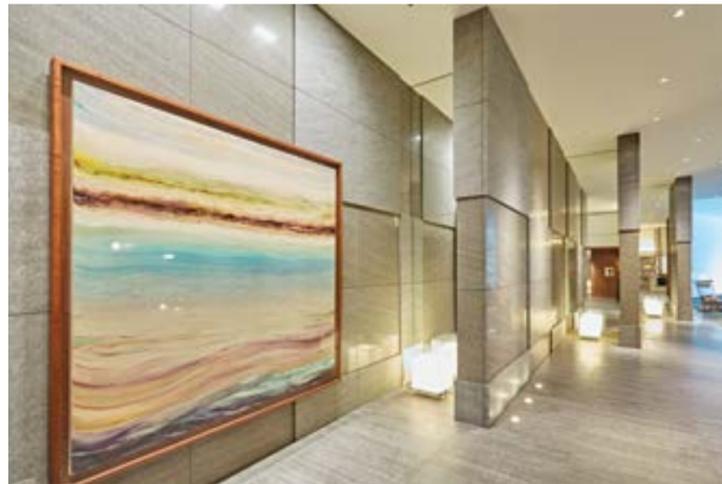
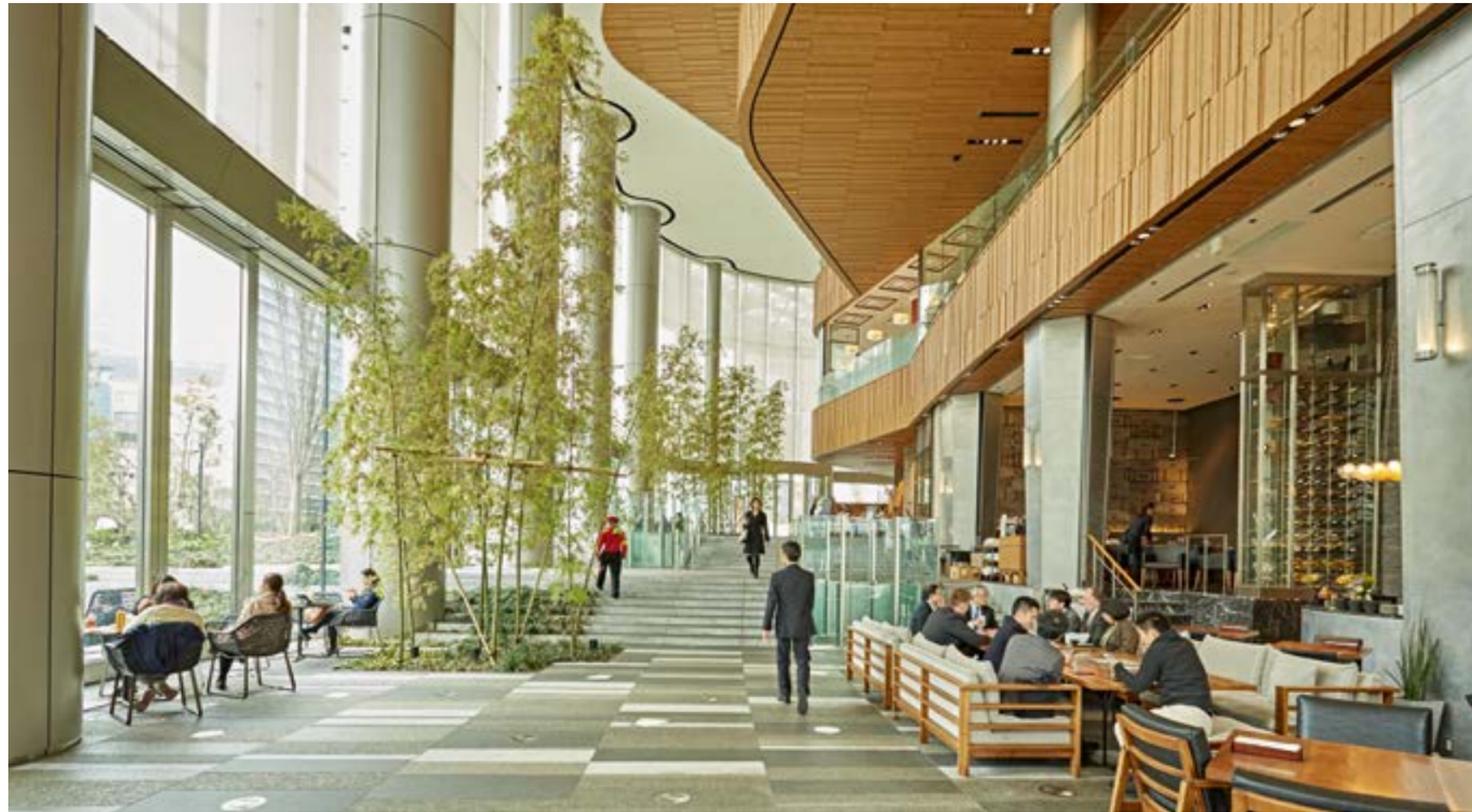
Toranomon Hills
Tokyo
Japan

USAGE

Commercial, offices, apartments,
hotel

ARCHITECTURE

Nihon Sekkei



> A place for art: works of art endow the publically accessible areas with character.

Right: luxurious apartments are located over nine storeys in the upper third of the tower block. The other two thirds of the Toranomon Hills are a lively mixture of offices, shops and restaurants, a forum and a boutique hotel.



MIELE

Oven
Dishwasher
Hob

Tumble dryer
Washing machine

Toranomon Hills, Tokyo: Art that inspires

Strong current

Flowing, flying, falling: in Toranomon Hills works of art predominantly by Asian artists are displayed in various places. The works are all highly dynamic and have the theme of movement in common. This emphasises the mindset of Toranomon Hills: the tower block is to be a trendsetter for Tokyo.

Art and living create something new here: new ideas and innovations. The tower block scores points firstly with modern infrastructure for a dynamic populace. What is more, it's good that "analogue" features are also integrated into the concept of the building. In circulation zones and leisure areas, users pass by large-scale works of art – and are inspired just by walking past them. In this way Toranomon Hills represents modern Japan, the two polar opposites skilfully combined: art, culture and tradition and a clear and direct forward view towards futuristic innovation and technology.



"Floating colours", Satoshi Uchiumi
Across a width of 27 metres, the 5-section oil painting evokes glimmering sunlight, shimmering water and colourful autumn leaves. Inspired by long cycle rides in the countryside, the Japanese artist Satoshi Uchiumi combines dots of colour in his compositions for a natural interpretation of the Japanese seasons.



"Untying Space", Sun K. Kwak
Toranomon originally meant "The gate of the tiger" – today it gives its name to the business district of the same name. Inspired by the historical meaning and the river that flowed here, Sun K. Kwak created flowing black lines with black adhesive tape. The architectural space becomes one great movement – representing the mighty currents of people and ideas that shape our times.



"Universe 29", Zhan Wang
Experimenting with gravity: the broken pieces of a boulder dropped from a height of ten metres are the elements of this "mini universe". Each of the 623 pieces was reproduced in stainless steel and mounted on a black steel plate. The pieces which were originally spread out on the ground find a new order in the vertical plane – and evoke the appearance of an explosion in unknown worlds.

Like reeds in the wind

The six mirrored towers at Keppel Bay in Singapore seem to bend in the wind. There is even movement in the façade: the aluminium cladding reflects the water surface, clouds and changing daylight, depending on the weather. So the Reflections buildings become a living piece of architecture.





> Six towers that are between 24 and 41 floors high, eleven shoreline apartment blocks and a club house (top right): with the organic arrangement of the buildings, architect Daniel Libeskind has succeeded in creating individual and differentiated apartment types, despite the density of the development.

PROPERTY

Reflections
Singapore

USAGE

1,129 apartments
Service and leisure facilities

ARCHITECTURE

Studio Daniel Libeskind



> The larger apartments are equipped with the typically Asian "wet kitchen", combined with an open-plan "entertainment kitchen". Miele appliances offer the occupants the ultimate convenience in both areas.



MIELE

- | | |
|-------------|---|
| Oven | Hob |
| Steam oven | MasterCool fridge and freezer combination |
| Cooker hood | Washing machine |
| Dishwasher | Wine conditioning unit |

The home of moving pictures

Moving moments, moving pictures and a red carpet: once a year the TIFF Bell Lightbox and the Festival Tower host the Toronto International Film Festival – the most significant event in the film world after Cannes. There is living accommodation on 42 floors in the Festival Tower; in the 5-storey Podium are five cinemas, in which the festival films are presented.





PROPERTY

Festival Tower
Toronto
Canada

USAGE

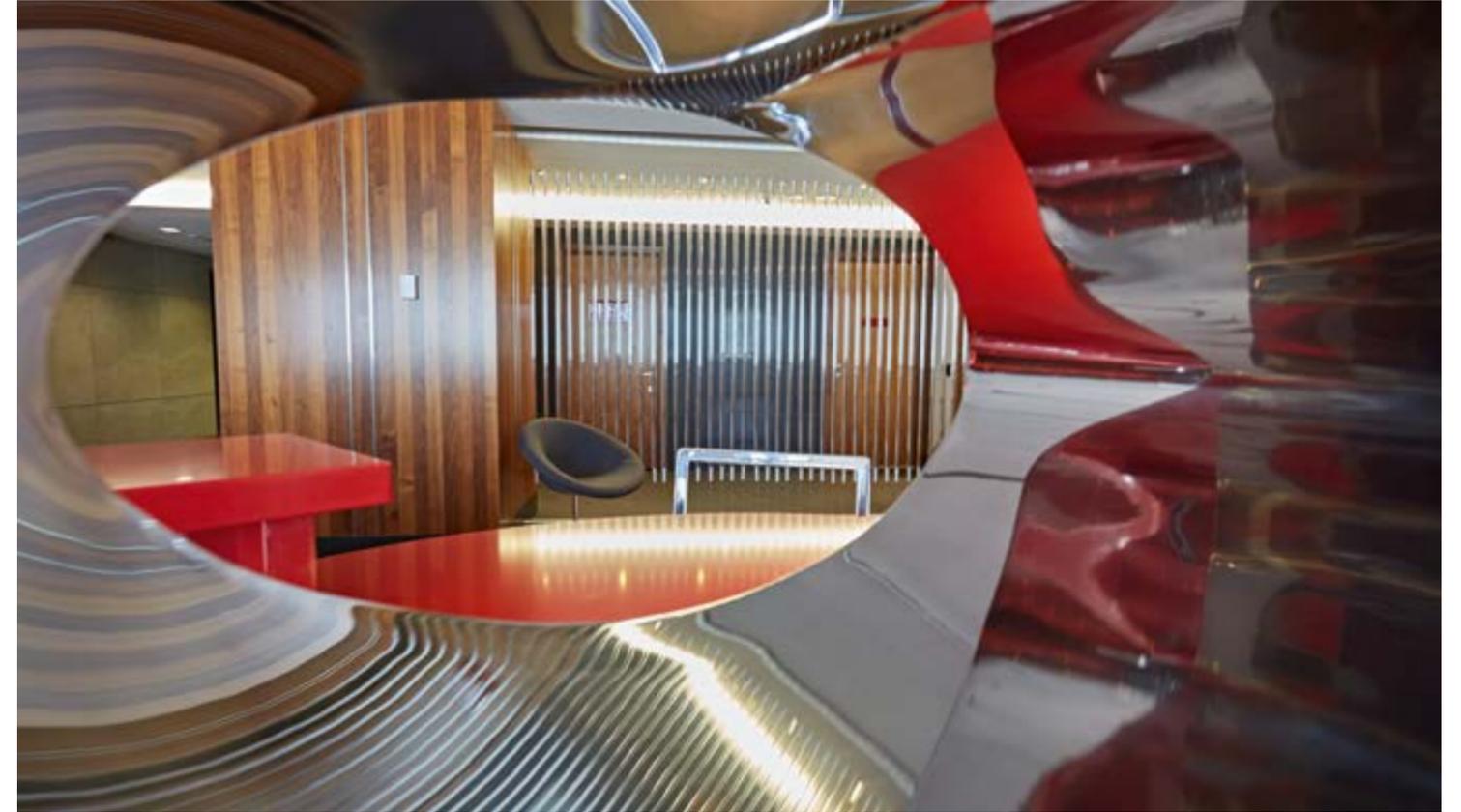
458 apartments
Service and leisure facilities

ARCHITECTURE

Kirkor Architects & Planners

MIELE

Oven	Coffee machine	Warming drawer
Steam oven	Hob	Washing machine
Cooker hood	Fridge-freezer	
Dishwasher	Tumble dryer	



> For film enthusiasts: anyone living in the Festival Tower has access to the Cinema Lounge, which can be booked for parties, and to a small 55-seat cinema for private film viewings. Automatic three-year membership for occupants is included for events that take place in the TIFF Bell Lightbox, as is access to exclusive previews and VIP events during the film festival.



Miele Project Business

Miele set up the Miele Project Business area to meet the needs of project developers, investors, architects and interior designers. Miele has been working successfully in the international project sector for more than 20 years and brings the experience and strength of a premium brand.

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