

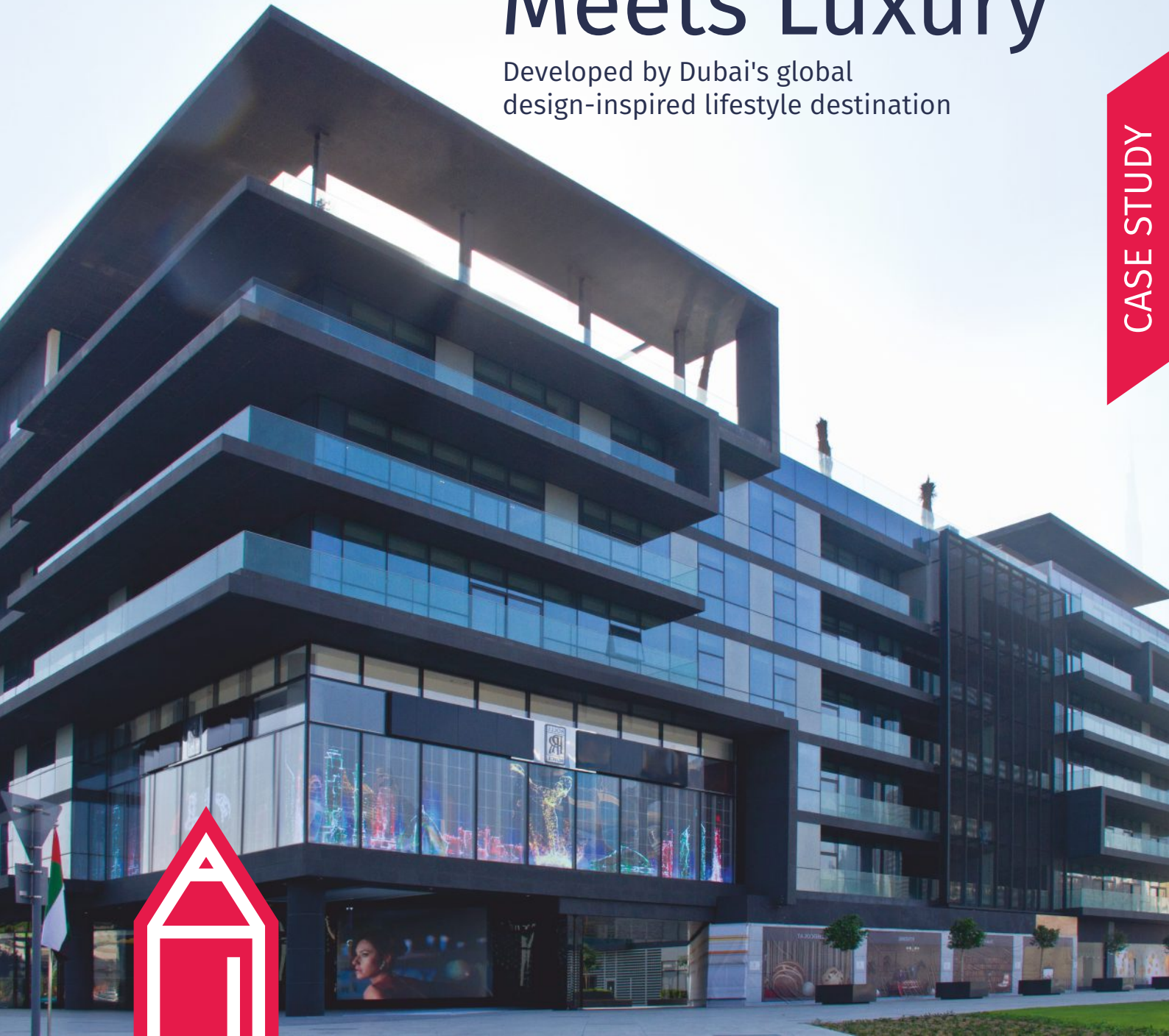
FUTURE

Tomorrow starts Today

Where Culture Meets Luxury

Developed by Dubai's global design-inspired lifestyle destination

CASE STUDY



CREATIONS

CITY WALK, DUBAI

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Project Name: **City Walk**

Developer Name: **Meraas**

Architect: **Beno**

Main Contractor: **Al Shafar General Contracting (ASGC)**

Sub- Contractor: **Al Abbar Aluminium**

Location: **Sheikh Zayed Road, Dubai**



ABOUT THE PROJECT

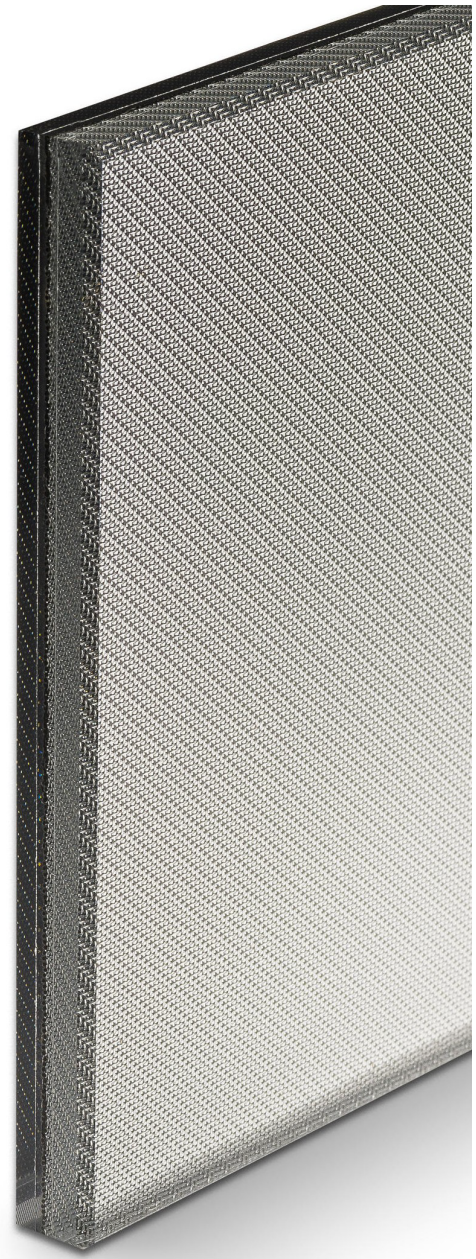
One of the most luxurious developments in Dubai, City Walk brings together high-end fashion brands, fine dining restaurants, opulent homes and awe-inspiring entertainment venues. Developed by Dubai's foremost real estate company, Meraas, City Walk is a design-inspired lifestyle destination. Meraas and global design experts from Benoy

worked together to create this multi-purpose space in the heart of the city. This unique property, complete with its own rainforest, al-fresco dining options and busy stores, was created to meet the diverse needs of residents and tourists alike. A small part of the Downtown area, City Walk has become a bustling cultural retail hub for the city.

THE CHALLENGE

With City Walk being a luxury retail development, we were tasked with the job of creating a glamorous and striking facade for the property. The architect wanted to create an exterior that would reflect the mood of its surroundings, compelling us to push the envelope and think of unique solutions to meet the design requirements. The structure was conceptualised to have a chequered facade that didn't compromise on vision. This became one of the most interesting challenges for us to overcome.

Given the harsh desert climate and extreme temperatures faced in the city, we had to ensure that our design helped control the glare from the panels while also providing shaded areas for comfort. Additionally, the design called for the panels to change colours through the day without affecting the view from inside. Most importantly, we needed to ensure that our facade solutions were low-maintenance, easy to install, and met all the local building code requirements.



THE FUTURE GLASS SOLUTION

To achieve a dynamic façade while maintaining neutral views from the inside, we tried several panel options. We ran through the concept with our design team and experimented with sputtered coats, ceramic frit and metal inserts. While these materials enabled us to achieve the external appearance required, they disrupted views from the inside. Finally, we selected a product from **VIVIDVIEW** range by creating a customized panel using SEFAR mesh AL 260/25 laminated with float glass. The patented mesh we used was unique as it allowed us to achieve the exterior metallic appearance without obscuring views from inside. The **VIVIDVIEW** Vision Mesh that was utilized for this project also had a significant functional advantage as the three-dimensional SEFAR mesh acted as mini-louvres that filtered the light passing through it. This, along with the smart use of open areas, allowed us to reduce the glare by dispersing the light.

The glass panels were placed strategically across the façade to provide shade from the hot desert sun whenever required.



In order to meet local building code requirements, a high performance clear low-E glass from Guardian was incorporated into the IGU make-up. We manufactured the special glass for the façade at our in-house state-of-the-art facility and were able to create panels that changed their colour from silver to orange through the day. Our stringent quality checks at the glass processing facility were critical in eliminating on-site rejections. While selecting the glass for this project, we ensured we sourced panels maintenance and could be installed into the façade design with ease.

THE OUTCOME

City Walk has become a city hotspot throbbing with energy. Despite the predominantly hot weather and the open-air restaurants and walkways, people can be seen milling about the area through the day, enjoying the beauty of the architectural marvels all around. The **VIVIDVIEW** panels offer one-sided vision, providing residents with unparalleled views of the surrounding

area, while also giving them the privacy they deserve. Additionally, the three-dimensional panels help bring the structure to life. The use of special glass panels with metallic lustre allowed us to create a facade that reflected the surrounding areas while enveloping the entire space in a majestic glow.

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Future Glass General Trading LLC

2411 Churchill Executive Tower, Business Bay, PO Box 117259, Dubai

☎ +971 50 747 5473 | ✉ sales@faglass.com

WORK

P278 Al Ghail Industrial Area, Ras Al Khaimah (UAE), PO Box 86001

☎ +971 7 258 9274 | 📠 +971 7 258 9071

www.faglass.com



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