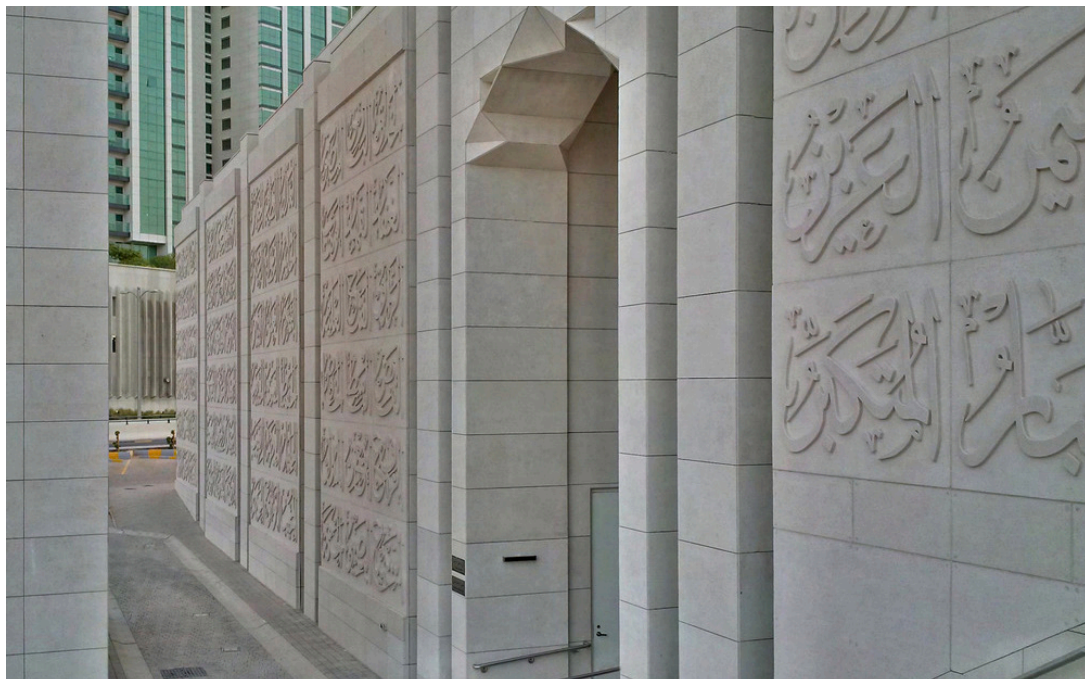


Al Aziz Mosque

case study
By Shijing Zhu

Location: Abu Dhabi, UAE



Architect: APG Architecture and Planning Group

Owner: N/A

Year of completion: 2015

Climate: Hot desert climate

Material of interest: Translucent Concrete

Application: Exterior

Properties of material: With this new mosque, APG has introduced innovative and new ideas and concepts with the use of light transmitting concrete technology for the construction of unique and distinguished facades. The Al Aziz Mosque project was provided with world-wide unique and impressive Facade elements that were designed, produced and installed by LUCEM Lichtbeton. Each facade element is a massive concrete panel that is absolutely weatherproof and can withstand extreme temperatures usually prevailing in the summer months of the United Arab Emirates. The surface of the facade elements has been treated to ensure resistance of the erosion caused by sandstorms

Sources:

<https://www.archdaily.com/775354/a-translucent-concrete-animates-the-facade-of-this-abu-dhabi-mosque>

<https://www.e-architect.co.uk/abu-dhabi/al-aziz-mosque-in-abu-dhabi>