

Gulf Precast builds five villas a day at Al Falah

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Gulf Precast is building 2,000 villas at Al Falah in Abu Dhabi.

Gulf Precast Concrete Company is currently building five villas a day at the Al Falah residential development near Abu Dhabi, reports CEO Elias Seraphim.

The company has been tasked by main developer Aldar and the Abu Dhabi Urban Planning Council with the construction of more than 2,000 villas at Al Falah.

Scope of works covers the full superstructure, with external and internal wall panels, flooring and roof, façade lightweight decorative elements and more than 220km of surrounding boundary walls, as well as the substructure and superstructure works for numerous electrical substations of the villa development.

"The critical challenge has been to consistently produce and build five villas per day. As a leader in the UAE precast industry, Gulf Precast mobilised seven of its plants to achieve this requirement, including a mobile production facility that was directly installed and commissioned on-site," said Seraphim.

More than 1,100 villas have already been manufactured and 850 installed on-site, in addition to 20kms of boundary wall.

Seraphim precast construction was chosen due to aspects, such as time, quality, safety, sustainability and cost. "Precast is ideal for large villa projects, as it fosters substantial cost-savings through economy of scale and allows to significantly reduce the construction time.

"As precast elements are produced in a factory environment before being assembled on-site, all components are controlled and inspected before being transported, which allows for better quality and sustainability. Fast assembly limits considerably the risk exposure entailed by working at height, rendering precast projects much safer than traditional ones," said Seraphim.