



# project profile

## Project

Private residence

Bayan

Kuwait

## System

Grasscrete GC1

## Quantity

360 m<sup>2</sup>

## Application

Car park



The desert climate of Kuwait is a tough testing ground for grass growth with summer daytime temperatures of over 45°C. This case study has been compiled to show the sustainability of Grasscrete in such a climate.

With the possibility of traffic up to 10 tonnes; 100mm thick Grasscrete Type GC1 was selected for this residential project with a large rear car park. With an early November construction programme the daytime temperature had cooled to a sufficiently respectable 35°C enabling casting to be carried out during daylight hours.

The incorporation of an irrigation system is vital to maintaining a healthy grass growth in such a climate and Grasscrete is ideally suited to the integration of a dedicated system. In using the solid concrete edge strips to each bay for positioning; pop-up sprinklers could be installed to cover the whole area. The reinforced structure enables a network of feeder pipes to be positioned without risk of deflection from traffic load.

*Also available as a full project report, please ask for further details*