

Recycled plastic forms foundations

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In the region's fast-paced construction climate, Claudio-foresti is introducing sustainable building technologies into the UAE that will reduce the use of concrete and natural products through the use of recycled plastic grids within building foundations.

The "crawl space" by Claudioforesi, a product widely used in Italy and around Europe, is a grid of recycled plastic structures that slot together to form a building foundation that requires less concrete and use of other natural materials.

The recycled plastic structures fit together to form a continuous grid, and the concrete is then set around the structure creating a strong and durable foundation.

Complementing this solution, Claudioforesi utilises the recycled plastic within ground walls of the foundation, stopping water damage, while being able to withstand the building pressure.

"Maintenance and repair from water damage can be highly expensive and time-consuming. Our recycled plastic solution creates building foundations that are not only easy to construct, it saves money due to reduced maintenance," said Daniel Bartolini, sales manager for Claudioforesi.

{Arabian Business}