

A great solution for Cambridge housing site

ACO MultiDrain MD (M100D) with ductile iron and composite Heelguard™ gratings installed on new housing estate.



ACO MULTIDRAIN MD

Great Kneighton is one of the latest urban developments to be built in the vicinity of the historical city of Cambridge. Located in a unique semi-rural setting with a strong sense of community, the inclusion of renewable, sustainable and recyclable products was essential during the build stage. With the development targeting affluent home-owners, the specification of high-quality products was essential.

ACO Water Management was able to provide the whole package of benefits thanks to its premium product, MultiDrain MD, which was installed throughout the site.

Great Kneighton is a major new development located south of Cambridge. By the end of 2020, the new development is set to comprise of 2,550 lavish homes.

Formerly a greenbelt site, Great Kneighton is a contemporary new quarter for Cambridge that will eventually become home to 6,000 people. With 120 acre country-park, schools and extensive amenities right on the doorstep, the

new development has been designed to appeal to families and professionals alike.

Labelled as a 'sustainable' new community, all of the homes are rated Level 3 in the Code for Sustainable Homes and feature innovative renewable solutions. One such example is ACO's versatile channel drainage system, MultiDrain MD, which is manufactured from ACO's sustainable, high strength recycled polymer concrete – Vienite®.

ACO Water Management specialises in providing sustainable drainage solutions (SuDS) for the housebuilding market and delivered the perfect drainage solution for the Great Kneighton

development. Not only does MultiDrain MD come with sustainable benefits, it also offers a high-quality, aesthetically pleasing finish.

MultiDrain MD is available with a wide-variety of grating styles and has a range of hydraulic capacities to meet the needs for almost any application. For the Great Kneighton site, the selection of grates provided an element of flexibility and allowed the designers to specify specific grates to complement their selected environment. The range of grating styles are available in load classes A 15 to D 400 making them the ideal choice for both pedestrian and vehicular applications.



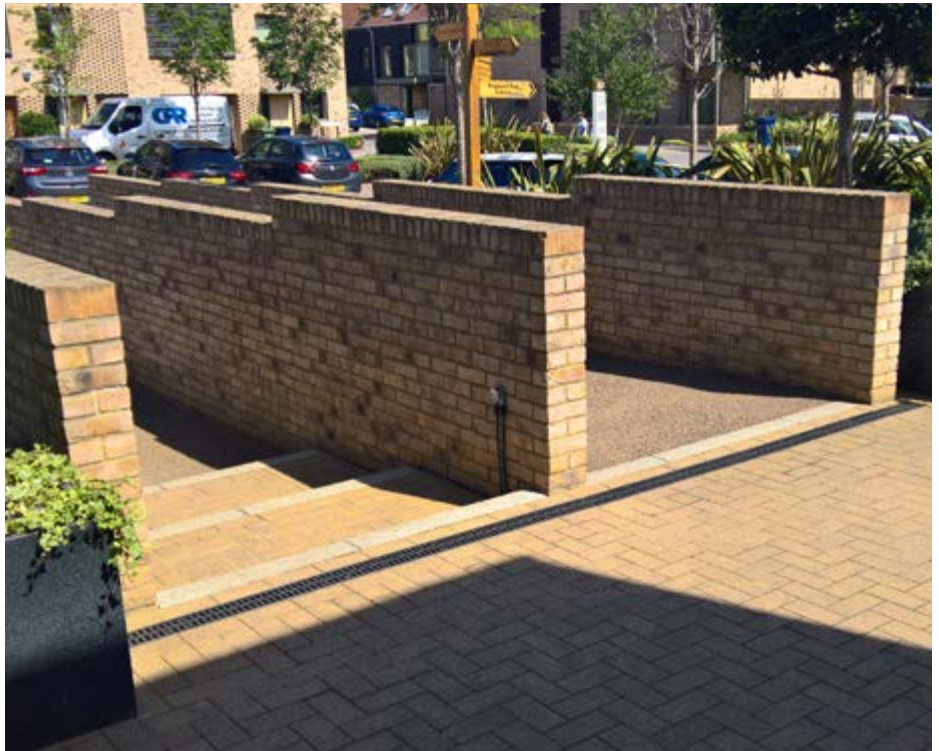
The breadth of the MultiDrain MD range and the quality of the gratings was a particular bonus for a high-end development like this one. As such, ACO MultiDrain with ductile iron Heelguard™ gratings (load class D 400) were selected for installation at the front of a number of driveways and paths leading to the houses' entrance.

MultiDrain M100D with composite Heelguard™ gratings was installed on the same site in public spaces including small parking and paved areas. Designed for a range of light duty traffic applications, the M100D with composite grate is certified to load class C 250.

One of its key benefits is the multiple ways in which it can support a wide variety of catchment depths, hydraulic capacities and applications. MultiDrain, is available in three channel widths, 100mm, 150mm and 200mm and has a number of constant, shallow and sloping depths of channel to suit the drainage requirements.

Further to this, all gratings within the system are fitted with ACO Drainlock™, a bar-less locking device which reduces the risk of blockage and therefore helping to improve hydraulic capacity.

For more information about ACO MultiDrain MD and to download the brochure, please visit www.aco.co.uk/products/multidrain-md



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