

## Grove Park

Caskade® HYDRA gets in to the Grove



***Following a comprehensive testing and validation programme, involving the University of Sheffield and UKAS, the inaugural Caskade® HYDRA installation was completed in 2008 at Grove Park in Leicester.***

RPS Architects of Birmingham specified a total of 52 linear metres of Caskade® HYDRA gutter, which was installed by roofing contractor Barry Collen Limited and forms part of the Grove Park business park.

Using the Caskade® HYDRA evolved siphonic rainwater management system allows rainwater to be routed rapidly away from roofs on even the largest buildings.

The system features two inbuilt rainwater discharge chambers – a first stage system, which is designed to cater for the initial rainwater capacity of the roof. Should the first stage system reach capacity, such as in deluge conditions, the second stage system is brought into action, as an operational overflow and failsafe system to further protect the building.

The Caskade® HYDRA system is fully operational once the gutter has been

installed, eliminating the need for temporary drainage management and, moreover, there is no surface water to create slip hazards to operatives

CA Hydra Technical Services Manager, Mark Walker, explains the benefits of specifying the system.

“Caskade® HYDRA represents the next evolution of siphonic rainwater management. It embraces all the tried and tested principles of siphonics, but removes the need for pipework inside the building. This eradicates potential internal failure points which,

up to now, have been a necessary risk with conventional siphonic systems – particularly in the larger type buildings that have become the industry norm. With Caskade® HYDRA, these risks simply are unnecessary – a point which we expect will greatly interest building insurers.”

The Grove Park application of Caskade® HYDRA is on a relatively small building compared with the gutter’s maximum capability, which demonstrates the importance of effective rainwater management regardless of the size of your building.

