



# Housing Developer Brochure

SURFACE WATER MANAGEMENT  
SYSTEMS FOR HOUSING

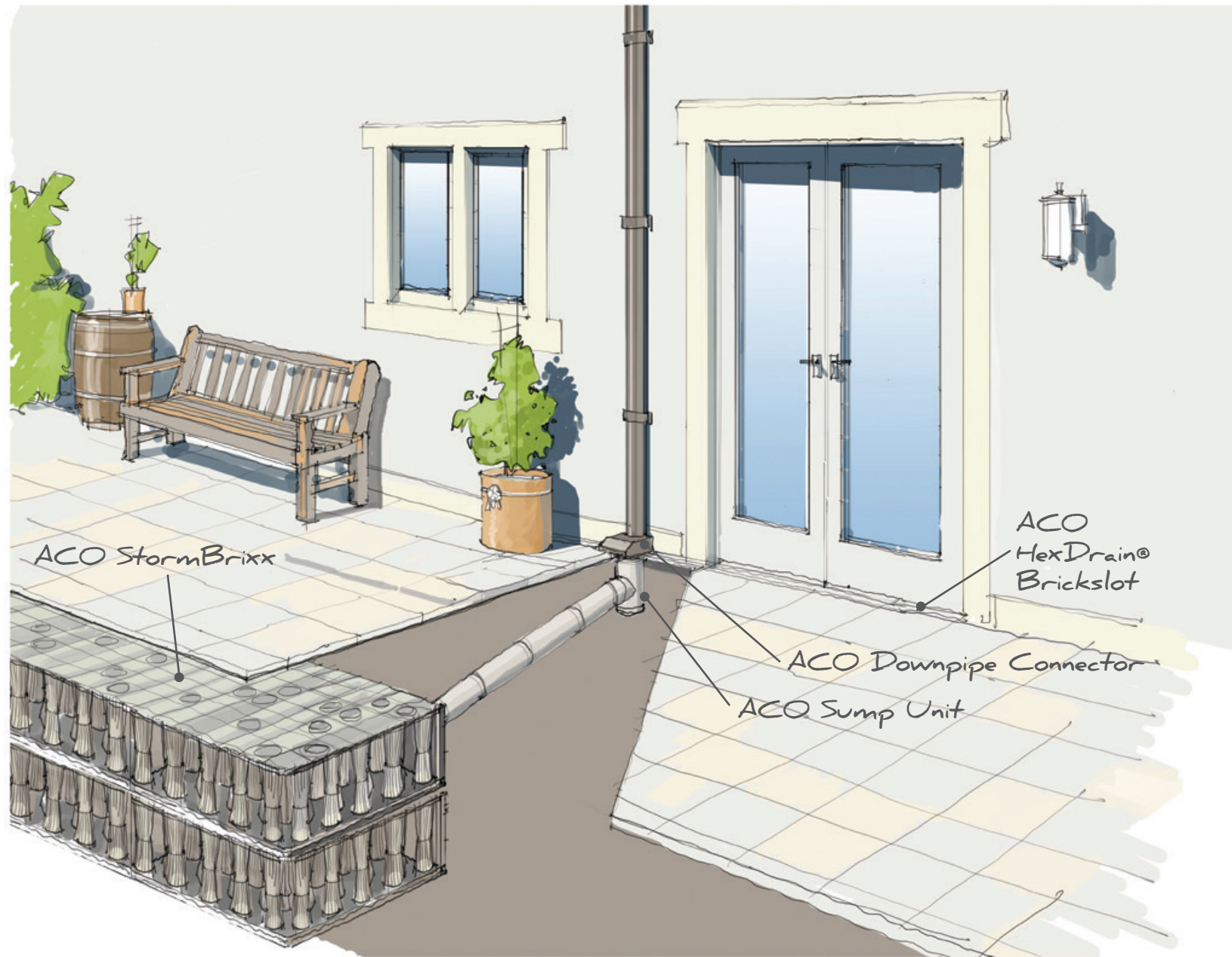




## **ACO. creating the future of drainage**

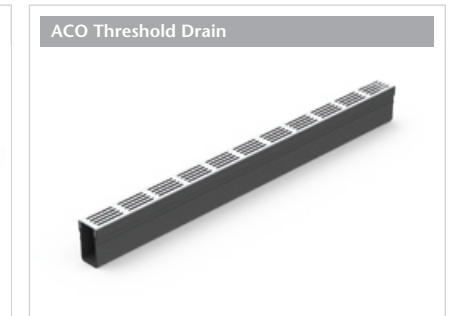
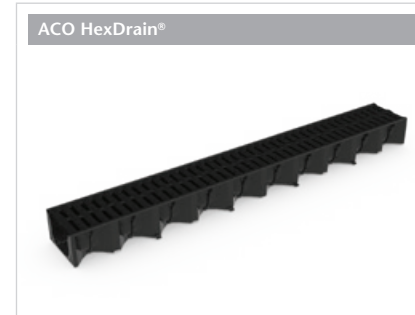
ACO is at the leading edge of new developments across all aspects of modern surface water management. We are in a unique position of being able to guide and support housing developers through every stage of any given scheme.

Our extensive product range helps provide solutions to the many different application requirements of surface water management. ACO solutions help developers work effectively within the opportunities and constraints of the housing site.



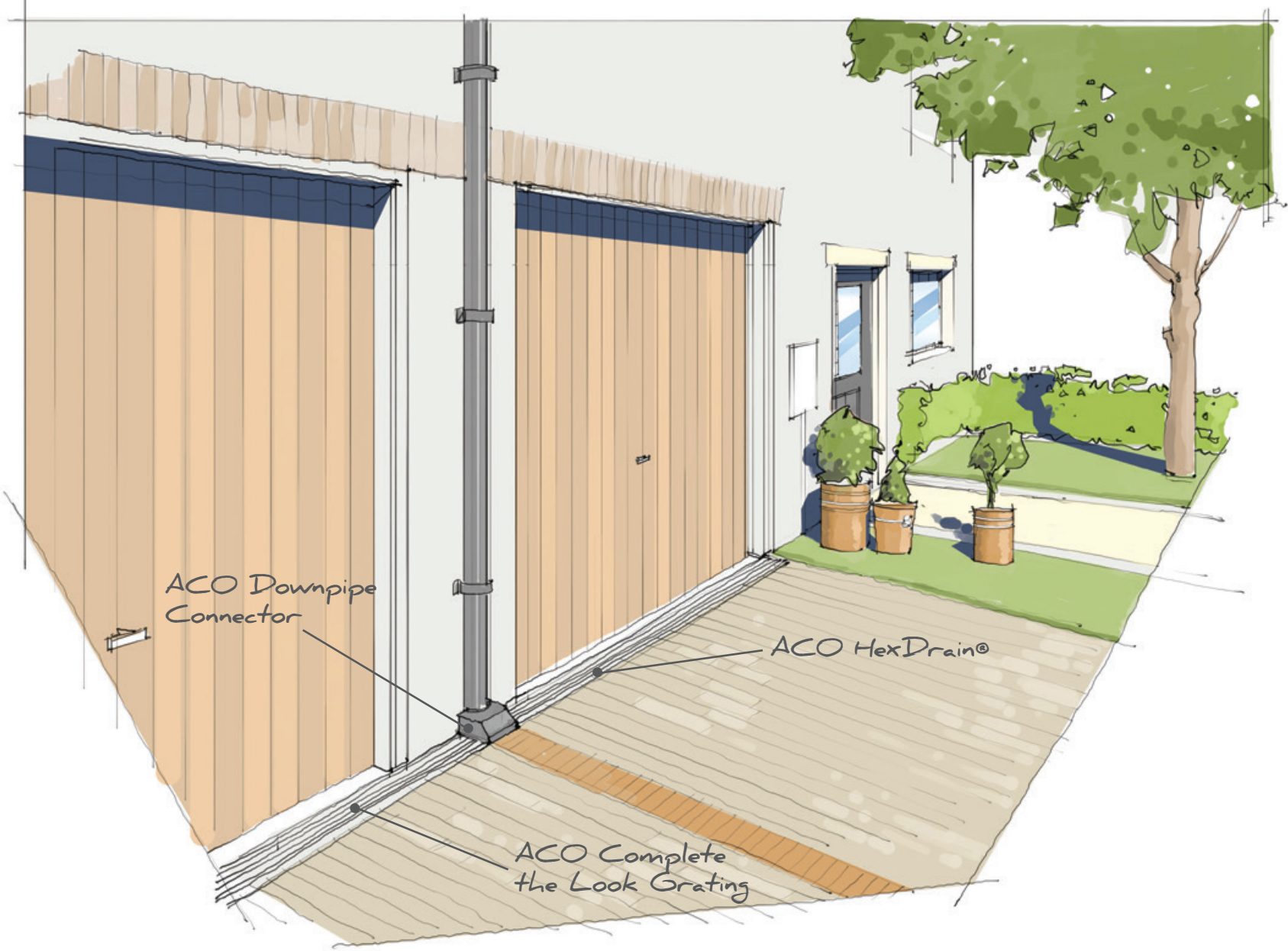
## PATIOS

ACO's range of patio products provide housebuilder's with elegant and modern finishes that suit any paving style. With 'Complete the Look' there is a wide choice of gratings, ranging from contemporary stainless steel to discreet slot options are available to provide the perfect finish for the homeowner.



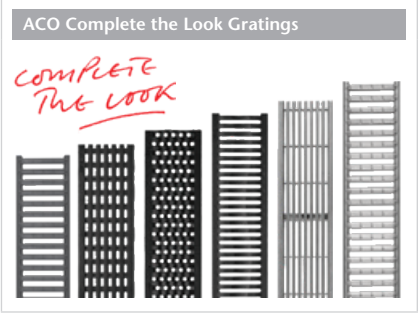
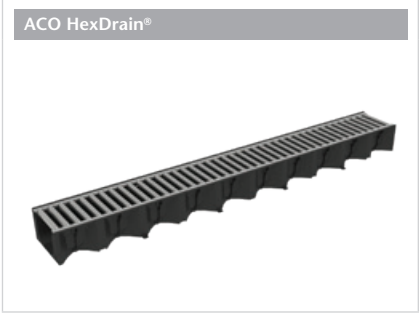
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## GARAGE THRESHOLDS

ACO's range of stylish and modern drainage solutions enhance the landscape of any garage threshold, helping to create an attractive and functional space for homeowners. The products are tested to the highest performance standards and are quick and easy for developers to install.



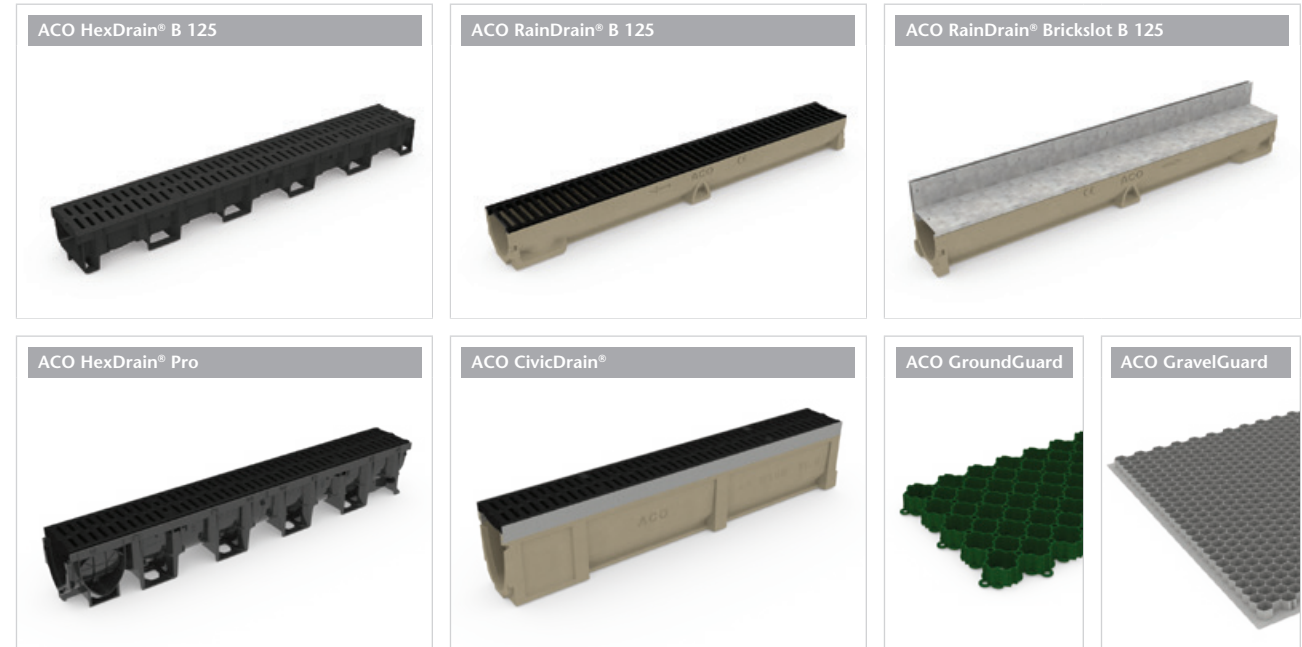
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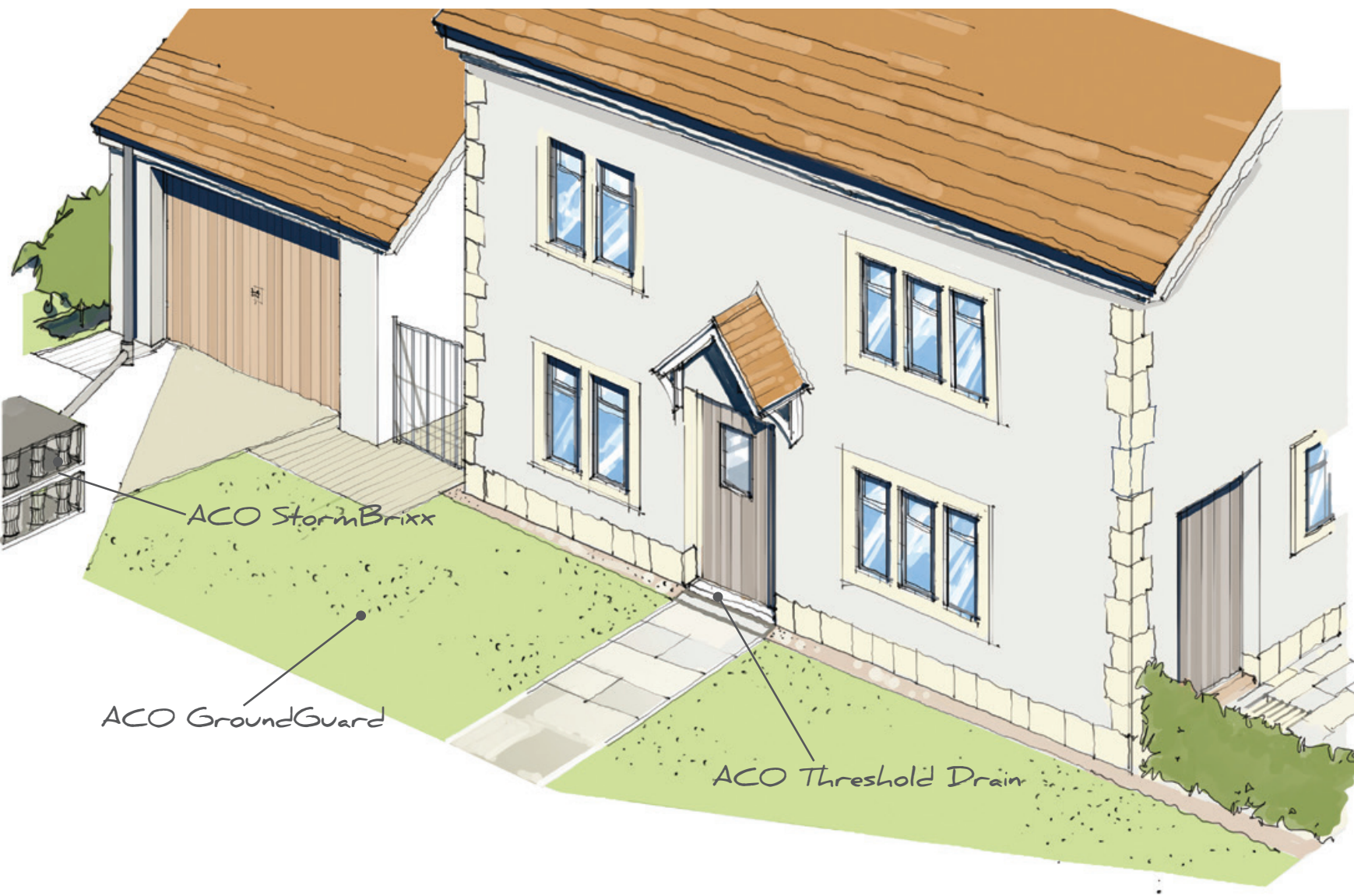


## DRIVE ENTRANCE

ACO's driveway range meets the highest performance standards and are tested to withstand the rigours of everyday use. With the change in consumer shopping habits B 125 rating or higher is recommended for driveway entrances to help prevent damage by turning home delivery vehicles or large domestic vehicles.







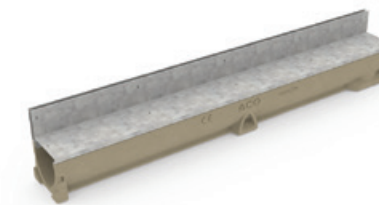
## BUILDING THRESHOLDS

ACO's threshold drainage removes water ponding at entrances, whilst also providing attractive and functional detail in the architecture of the home. A variety of finishing options, ranging from slimline stainless steel to anthracite carpet, are available to enhance your housing development.

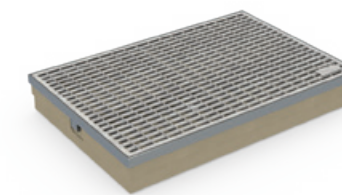
ACO HexDrain® Brickslot



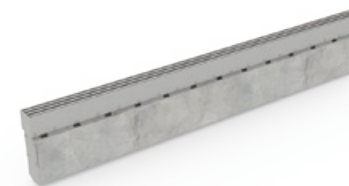
ACO RainDrain® Brickslot B 125



ACO DrainMat



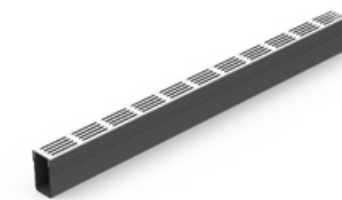
ACO StepDrain

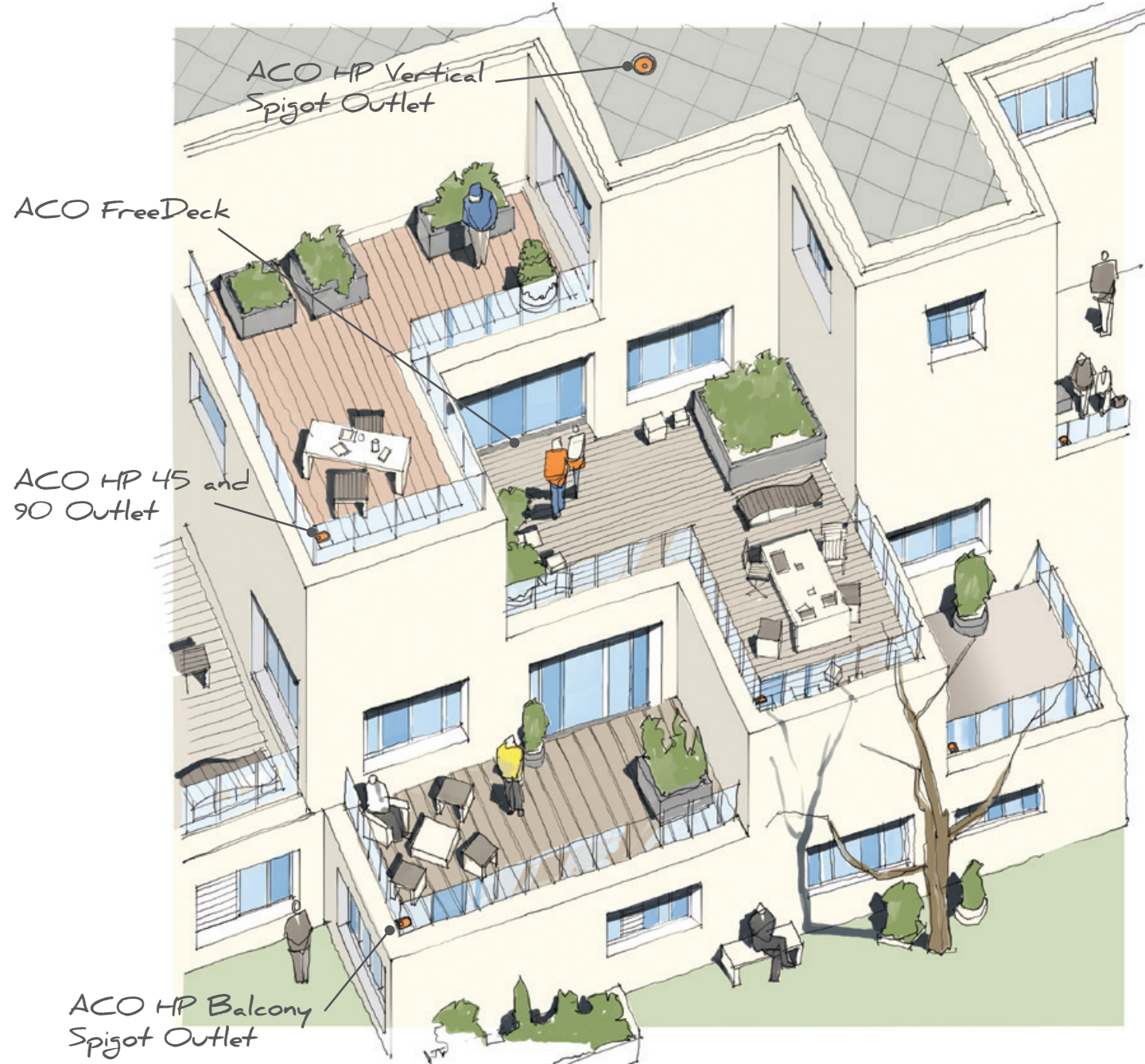


ACO Doorway Drain



ACO Threshold Drain





## ROOF + BALCONY

In the extensive ACO Building Drainage HP (High Performance) range of outlets we provide rainwater drainage solutions for a wide range of applications. Suitable for flat, balconies or low pitch roofs, a watertight joint is produced by clamping the membrane to the body. ACO FreeDeck offers a unique solution for barrier free entry to balconies and suspended patio areas.

ACO HP Vertical Spigot Outlet



ACO HP Two-way Outlet



ACO HP 45° and 90° Outlets



ACO HP Balcony Spigot Outlet



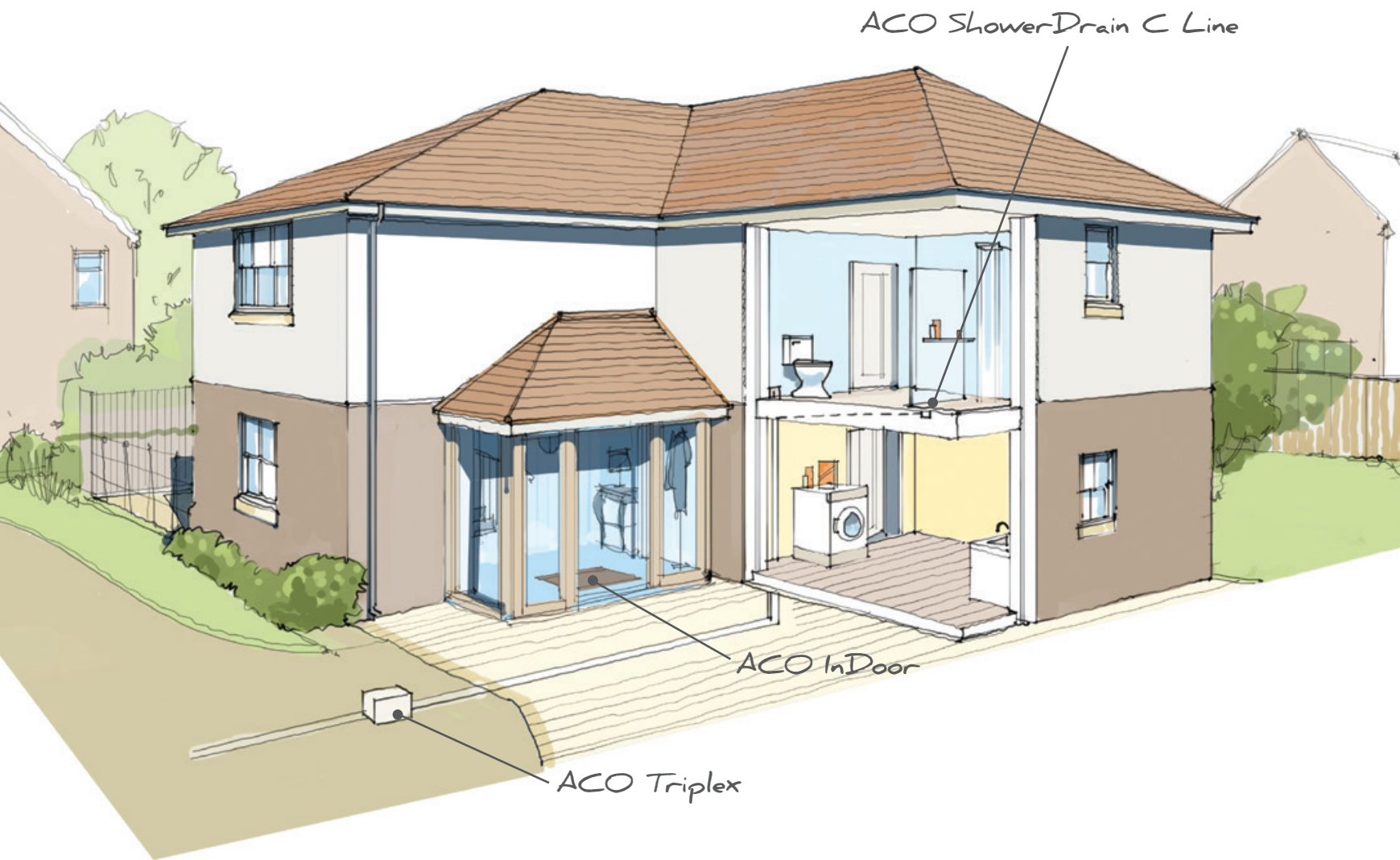
ACO HP Refurbishment Outlet



ACO FreeDeck



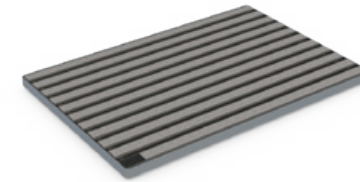




## INTERNAL HOME

With the risk of high water levels and an increase in subterranean developments, ACO Backflow valves play an important part in the water management tool kit for developers. ACO also offer a wide range of drainage solutions for the internal built environment including showers and indoor mats.

ACO Indoor Mat



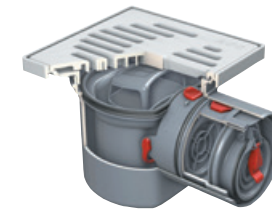
ACO ShowerDrain C Line



ACO Shower Gullies



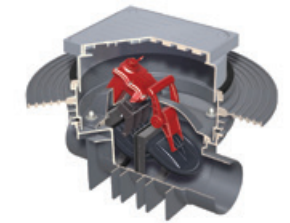
ACO Junior



ACO Triplex



ACO Quatrix

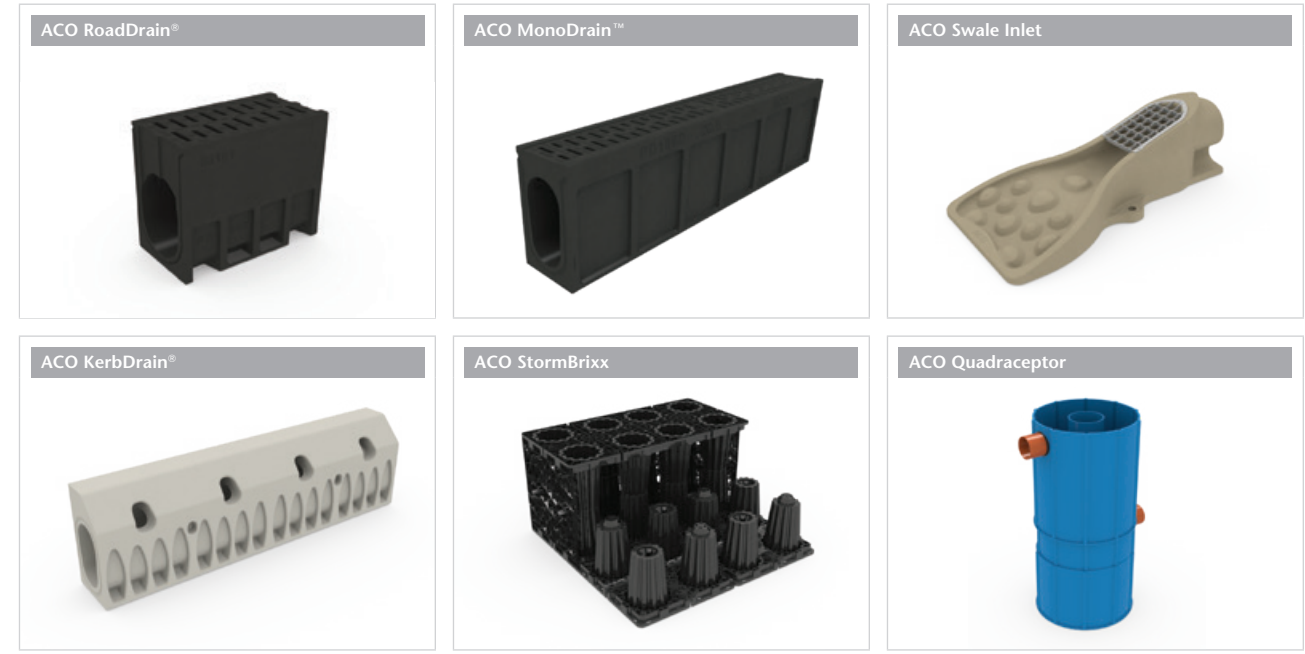






## INFRASTRUCTURE

ACO's Civil + infrastructure range of drainage products are incorporated into housing developments, offering larger scale drainage solutions required by the strategic Flood Risk Assessment, including sustainable drainage schemes, attenuation tanks and the development road network. The range can also be applied to more specific sections of housing with monocast drainage offering durable solutions in individual parking bays.

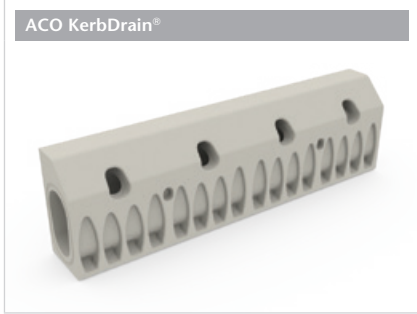
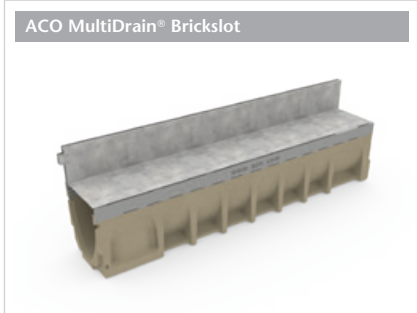
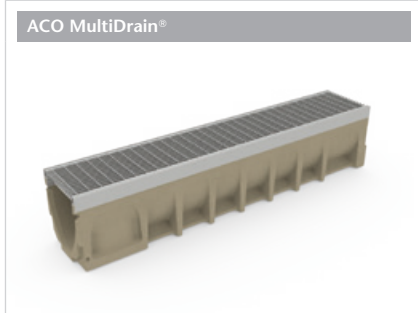






## COMMUNITY RETAIL

With a large increase in residential and community development careful consideration must be given to the planning of surface water management. Specific attention must be given to the load class requirements for each area. ACO offer a wide range of solutions from foot traffic to delivery vehicles and public transport.





## QUALITY

ACO has been certified and registered by BSI, to operate an Environmental Management, Quality and Occupational Health & Safety Management Systems, which comply with the requirements of ISO 14001:2004, ISO 9001:2008 and ISO OHSAS 18001;2007



ISO 9001 Certificate

ISO 14001 Certificate

OHSAS 18001 Certificate

## SUSTAINABILITY

### SUSTAINABILITY

ACO recognise that sustainability is the single most important issue that the construction industry will face over the coming years.

Our research and development programme aims to maximise the use of sustainable material but, importantly, also strives to improve manufacturing and administrative processes that impact our environment.

### RESPONSIBLE SOURCING

ACO have developed a programme of continual improvement which seeks to ensure, where practical, all products manufactured are made from sustainable materials – recycled and recyclable.

The company has a programme of residues, ensuring that all packaging, palletising and office residues are segregated and managed in an ecologically sustainable manner.

## SuDS

Sustainable Drainage Systems (SuDS) aim to control surface rainfall run-off by controlling the rate and volume of runoff from your site, relieving pressure on sewerage systems and mimicking natural drainage as closely as possible. Used effectively, SuDS can help developers deliver greener housing infrastructure.

We have unrivalled experience in designing, creating and advising on fully-integrated and sustainable surface water management systems. Whatever your requirements, we can help you deliver an effective solution and support you with best practice, relevant information and dedicated resources on an ongoing basis.

ACO believes that the best SuDS will be cost effective to operate and provide efficient drainage throughout their life. Rather than being inherently ‘soft’ or ‘hard’, they will instead include an optimized and integral mix of ‘soft’ and ‘hard’ components that will combine to bring out the best in each other.

## DESIGN SUPPORT SERVICES

Surface water management system design can often be a complex task. Success in combining products and processes requires a thorough understanding of how these different elements work together.

The ACO Design Services Team is able to work closely with you through the entire design process to ensure accurate and cost-effective product selection is made.

Services we offer include (free and without obligation):

- Whole system design, from collection to the attenuation of surface water
- Hydraulic calculations and AutoCAD detailing
- Parts schedules

### TRY OUR FREE HYDRAULIC DESIGN SOFTWARE

Our unique hydraulic design software enables the efficient and accurate hydraulic design of surface water management schemes using channels as means of conveyance.

Here are some of the features it includes:

- Powerful project-based software
- Create catchment models that are fully editable
- Cloud based – All designs are stored on our server
- PDF summary document output

[www.aco.co.uk/quad-hydraulic-design-2.0](http://www.aco.co.uk/quad-hydraulic-design-2.0)



## PROFESSIONAL DEVELOPMENT

### HELPING CREATE KNOWLEDGE CHAMPIONS

In today's ever-changing construction industry, it has never been more important to ensure you are up to date with current industry trends and new innovations. Surface water management is one of the most dynamic sectors of the construction industry with new legislation, innovative products and ground-breaking materials constantly emerging.

Depending on your professional body or employer, you may be required to undertake between 20 and 30 hours CPD per year. ACO understands this can be a daunting task and has developed a series of professional development courses that can be accessed in a number of ways including online, in-house or at the state-of-the-art training facility at ACO Water Management Academy.

The courses have been carefully developed to provide essential learning and knowledge and are delivered by ACO's UK wide experienced Business Development Team, ensuring that only the highest quality content is delivered.



To find out more and book a professional development course, visit: [www.aco.co.uk/professional\\_development](http://www.aco.co.uk/professional_development)



**ACO Water Management:  
Building + Landscape**

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