## DREXUS PAVING DRAINAGE SYSTEM



Marshalls' Drexus Pave Drain has the unique ability to provide a cost effective yet aesthetically pleasing drainage solution. A customisable top allows for the product to be suited to any environment with a choice of either concrete or natural stone.

The Pave Drain concept offers a natural stone or concrete upper section that incorporates innovative drainage slots sitting above a concrete channel allowing surface water to drain away effectively below the surface of the walkway.

Drexus Pave Drain has the potential to play a game-changing role in the world of landscape architecture offering a drainage solution with the ability to complement hard landscaping and seamlessly integrate into any public space.

### Marshalls NEW Drexus Pave Drain offers a unique aesthetic for linear drainage.

Through our concrete expertise and heritage in natural stone we have developed a drainage solution to complement our most popular paving products including premium concrete and natural stone.

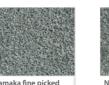
Callisto fine picked

Cyllene fine picke

Despina fine picked



Larissa fine picked granite



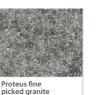


Appleton Flamed Yorkstone

Cyllene flamed

Namaka flamed granite

Perdita fine picked

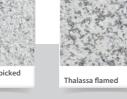


Proteus flamed granite



Rosalind fine picked





Trinculo fine picked granite

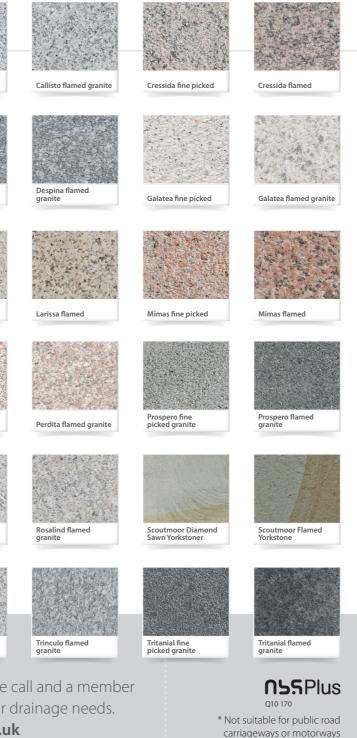
A sample service is available on request. Please call and a member of our dedicated team will be assigned to your drainage needs. : 0345 3020 400 E: wmsales@marshalls.co.uk

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Once installed the tops are locked into the surrounding hard landscape preventing theft	Divergent inlet apertures for ease of maintenance	Heelsure slot design for pedestrian safety	Diagonal recesses capture and direct water into the apertures	Channel design key the haunch to the channel providing a rigid install	Channel is available in 1000mm and 500mm lengths	Kite Mark certified to D400 loading BS EN 1433:2002	Sealant Groove for an easy water tight installation	Recess in the end of the units creates an extra aperture when installed with adjacent units	A Stone slip is bonded to a concrete top to provide a cost effective solution that matches our Yorkstone & Chinese granite paving ranges	ہ د ٦













#### THISTLE STREET, EDINBURGH

Water Management Case Study



#### BACKGROUND

Thistle Street is located at the heart of Scotland's capital city in Edinburgh's New Town. Built in stages between 1767 and 1850, retaining much of the original neo classical and Georgian period architecture, the New Town is considered to be a masterpiece of city planning. Together with the Old Town, it was designated a UNESCO World Heritage Site in 1995.

#### CHALLENGE

With pedestrian safety and comfort in mind, Edinburgh City Council engineers were seeking to improve drainage around the walkways in this essentially flat area, minimising the issues of ponding and standing water to create effective channels and falls. Consideration also had to be given to the character of the city's streets. With natural stone featuring prominently in the area, it was crucial that the drainage complemented the existing aesthetic.

#### SOLUTION

Marshalls' Pave Drain, provided the perfect solution combining the performance capabilities required for a trafficked street with the visual appeal to complement the aesthetics of the traditional Edinburgh street. Utilising expertise in both concrete and natural stone. Pave Drain provides an effective combined paving and drainage solution which perfectly complements natural stone paving products, including the Scoutmoor Yorkstone installed on Thistle Street.

Available in a variety of designs and finishes, suitable for any public realm development, the Pave Drain concept combines a natural stone upper section complete with drainage slots with a concrete channel block which sits below. This allows surface water to drain away below the walkway. Pave Drain achieves a loading classification of D400, making it suitable for areas subject to vehicular overrun as well as pedestrian traffic.

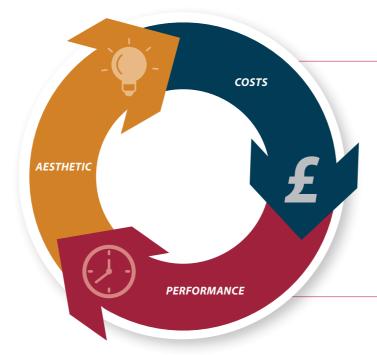
Pave Drain achieves a loading classification of D400, making it suitable for areas subject to vehicular overrun as well as pedestrian traffic, helping to create better and appropriate landscapes for some of Britain's most iconic sites

#### BENEFIT

Dovetailing perfectly with existing hard landscaping products along Thistle Street, Marshalls Pave Drain is now playing an important role in maintaining safe and well-drained pedestrian walkways serving the shops and restaurants in this busy and popular area of Edinburgh.









"Our everyday goal is simple – Support the customer's performance and aesthetic design aspirations with a Commercial driven, value added Design support service, excelling through computer aided drawings, engineered solutions and technical advice"

Simon Waudby – Marshalls Design Manager

# MARSHALLS DESIGN SERVICE DRIVING VALUE THROUGH DESIGN

Marshall is committed to ensuring that the right system is selected, detailed, delivered and installed. The understanding that the right selection of linear drainage system is crucial to the function of any hard landscaped area therefore Marshalls Linear Drainage Team will work in partnership with the specifer, engineer and contractor, to become an integrated part of the design process, helping transform and deliver ideas into hydraulic designs matched to the individual project requirements to give total peace of mind.

#### IN-HOUSE DESIGN SUPPORT SERVICES

By use of our bespoke computer software the Design Team can plan realistic and rapid solutions to your drainage needs.

#### THE DESIGN TEAM WILL:

- · Work with the project team to ensure the client's expectation are met
- Operate with either electronic (CAD) or hard copy drawings
- Assist in the selection of the most appropriate system
- Provide hydraulic data to support the adequacy of the selected system
- Provide schedule and / or layouts of the components as appropriate



