



Hydromedia

Fast draining engineered concrete

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Hydromedia is an ideal solution for surface and stormwater management. A fast draining concrete pavement solution that rapidly directs stormwater off streets, parking surfaces, driveways and walkways. Minimises costs and long-term maintenance for local authorities and developers of stormwater management. A range of strengths is available.

Designed with a sub-base to contain typically 15 - 35% voids, water flows freely through Hydromedia at rates in excess of between 150 litres-1000 litres per minute per square metre

Product range

There are four prime versions of Hydromedia as below: -

- Hydromedia pedestrian – No traffic applications
- Hydromedia car park – Very light traffic conditions
- Hydromedia underlayer – Non traffic
- Hydromedia underlayer – Light traffic.

A range of strengths is available. Please speak to our technical specialists to ascertain which grade suits your project.

Applications

- Residential roads
- Carparks (light traffic - maximum load 3.5mt) and parking areas
- Leisure (e.g Tennis courts, swimming pool decks, cycleways)
- Driveways and alleyways
- Pavement edge drains and gutters
- Can be used as a structural underlayer.

Key benefits

- Stormwater management - high permeability and drainage capacity
- Environmental management - minimises urban impact on natural water cycle
- Reduces costs as part of a SuDS (Sustainable Drainage System)
- Available with integral colour to offer decorative and functional hard landscaping opportunities
- Eliminates the needs for retention ponds
- Offers potential space saving for efficient land development
- Mitigates surface pollutants
- Reduces glare from wet pavement
- No standing water, lessens risk of hydroplaning.

Characteristics

- Compressive strength ~10-15N/mm²
- Voidage from 15-35% depending on type and placing technique
- Unit weight is typically 70% of conventional concrete
- Workable up to 90 minutes
- Flexural strength of 1.5 - 3N/mm².

Technical Support

Aggregate Industries Technical Services will provide advice, support and assistance in all aspects of the selection and use of Hydromedia concretes.

For further information, to place an order or to speak to one of our Hydromedia specialists, please contact the following sales offices:

Scotland - 01698 870947

North - 01283 712677

Midlands and South East - 01283 712677

South West - 01752 485201



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