

HX165 Grid



A special grade of GeoGrid that has been developed with the UK's market-leading grid supplier, Marshalls HX165 Grid provides additional stability within the sub-base of a Piora permeable pavement. Installed directly over the sub-grade, the profile of the ribs and the shape of the apertures has been specially developed to maximise interlock with Marshalls' angular Piora aggregate, confining movement and improving the CBR of the ground by 1%. This can drive cost from the system, or in situations where excavation depth is an issue (such as city centres), it could make a permeable system a possibility where it wasn't before. For more installation information, see the specification page or speak to our design team.

DESCRIPTION	
Base Raw Material	PP Polypropylene
Governing Manufacturing Standards	In-house Company Specification
UKCA Marking/DOP	www.marshalls.co.uk/declarations



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PHYSICAL PROPERTIES

Nominal Dimensions (mm)	50000 x 3800
Tolerances on Work Dimensions (mm)	NA
Aperture Shape	Hexagonal, Trapezoidal & Triangular
Structure	Integrally Formed
Rib Shape	Rectangular

SPECIFICATION

Emission of Asbestos	No content
Continuous Parallel Rib Pitch (mm)	80
Rib Aspect Ratio (2)	>1.0
Node Thickness (mm)	3.25
Radial Secant Stiffness at 2% Strain	165kN/m with a tolerance of -65Kn/m

SUPPLY

Packaging	On a roll
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FURTHER INFORMATION

Cleaning & Maintenance	Available on request
Product Evolution	The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details
Contact Us	For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233

