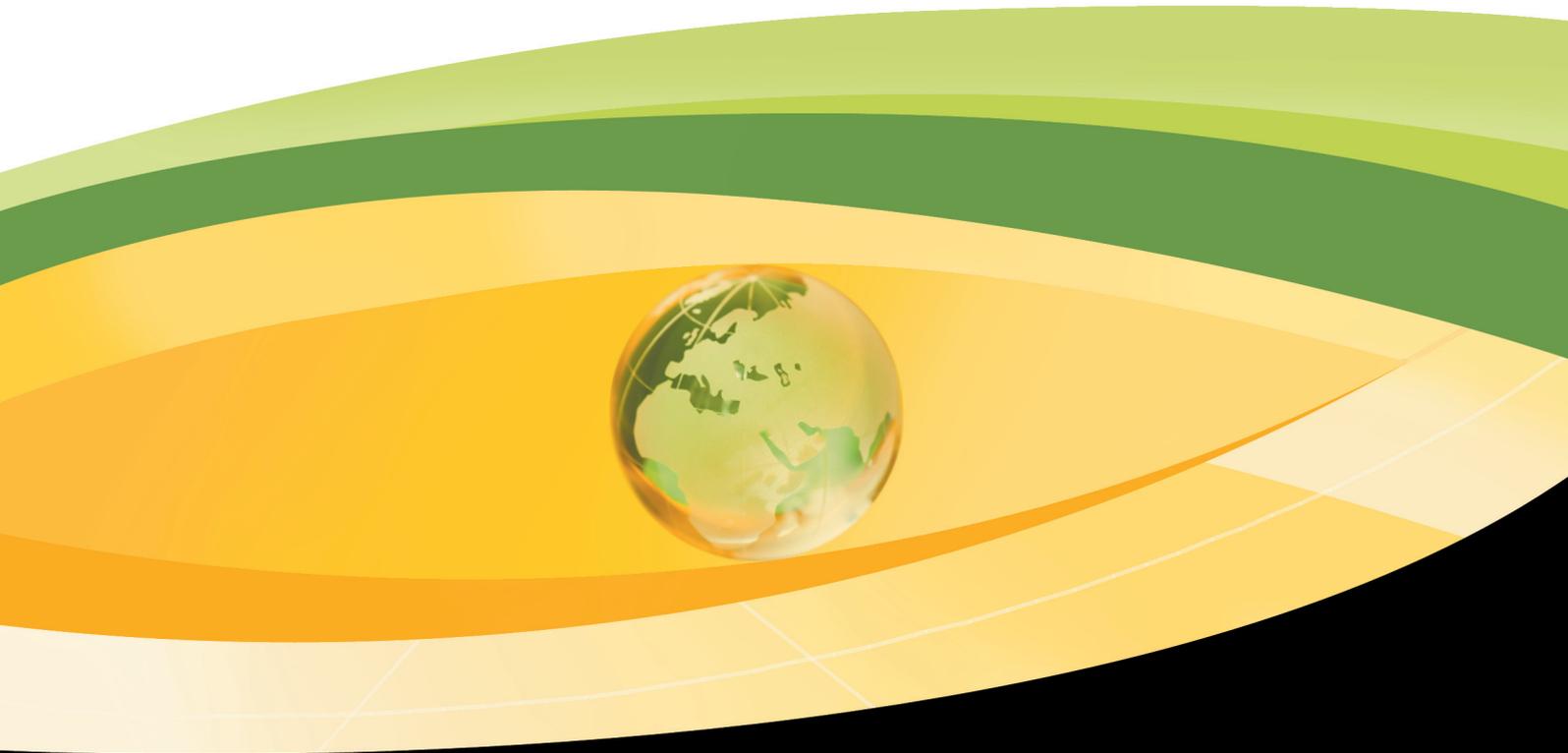




grassconcrete



worldwideenvironmentalsupport

we have the edge

Grass Concrete Limited is a world leader in the development and supply of 'green' construction solutions. Expert environmental engineers for over 40 years, we were committed to our environment and the creation of greenspace long before the rest.

Our history

Grass Concrete Limited is a UK based company founded upon the principles of establishing environmental awareness in construction. Since our establishment in 1970 many of our aspirations that were then 'alternative' have now become part of mainstream policy adopted by governments and planners around the world.

Barely an issue in those days the company set out to change traditional thinking towards paving technology. The company's creations have grown with that of its original product, the unique Grasscrete paving system. Alongside this original invention further paving systems were introduced as well as a range of earth retaining walls and roofing solutions.

With a long history of both supply and installation of grass paving solutions behind us we can draw upon our experiences to offer the most workable solutions.

This mailer provides you with information relating to our current range of products and a full range of brochures and technical guides are available on request.



System	Type	Depth	Reinforcement	Traffic Engineering		Water Engineering	
				Preparation	Maximum gross vehicle load/use	Preparation	Maximum water flow rate
grasscrete Cast on site - reinforced concrete	GC3	76mm	A142	100mm Type 1, 20mm Sand	3.40 tonnes*	Trimmed earth subgrade	4.5 metres/sec.
	GC3	76mm	A193	150mm Type 1, 20mm Sand	4.30 tonnes*		-
	GC1	100mm	A193	150mm Type 1, 20mm Sand	10.80 tonnes*	Sand d/ind	6 metres/sec.
	GC1	100mm	A252	150mm Type 1, 20mm Sand	13.33 tonnes*	-	6 metres/sec.
	GC2	150mm	A252	150mm Type 1, 20mm Sand	30.00 tonnes*	Geotextile (water flow)	8 metres/sec.
	GC2sc	150mm	A393	200mm Type 1, 20mm Sand	40.00 tonnes*	-	8 metres/sec.
grassblock Precast concrete	GB83	83mm	A142	150mm Type 1, 20mm Sand	low intensity cars	Trimmed earth subgrade	N/A
	GB103	103mm	A193	150mm Type 1, 20mm Sand	cars	Sand d/ind	4 metres/sec.
	GB125	125mm	A193	150mm Type 1, 20mm Sand	occasional vehicle access/parking	Geotextile (water flow)	4 metres/sec.
grassroad Plastic	-	32mm	N/A	150mm Type 1, 20mm Sand	occasional vehicle access/parking	N/A	N/A

*assumes an allowable ground bearing of 45 kN/m²

40 years of worldwide experience has been woven into perhaps the most complete range of grass paving solutions available today. Backed by our “fit to purpose” philosophy we can apply our expertise to offer the most suitable solution, together with our in-house supply and lay service. From domestic drives to lorry access, from streams to flood defence we have the solution.



grasscrete

grassblock

grassroad

paving solutions

betconcept range

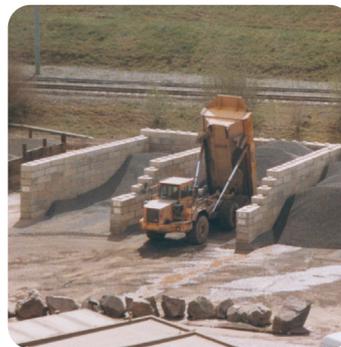
System	Manufacture	Dimensions	Function	Face aspect	Colour	Max. height
betoflor	Pressed concrete	250 x 500 x 200	low height earth retaining and noise barriers	standard -22° plantable	grey, red, buff	2 metres
betatlas	Pressed concrete	500 x 250 x 200	medium/high earth retaining and noise barriers	standard -15° plantable	grey, red, buff	10.6 metres
betotitan	Pressed concrete	1000 x 250 x 200 (variable)	high earth retaining and noise barriers	variable plantable or plain face	grey, red, buff	22 metres
leromur	Pressed concrete	1000 x 200 x 130 split to required width	earth retaining	variable split face	grey, red, buff	10 metres
betojard	Pressed concrete	250 x 500 x 200	noise barrier	vertical profiled	grey, red, buff	4 metres

binwall range

binwall hd	Cast concrete	750 x 1500 x 400	bulk store walls	vertical	grey	4 metres braced 2 metres unbraced
binwall md	Cast concrete	400 x 800 x 400	bulk store walls	vertical	grey	2 metres braced 1.2 metres unbraced

For many developers, the need for an earth retaining wall conjures up thoughts of “design impact”, “cost” and “inconvenience”. With the Betoconcept range of walls thoughts can be more inspiring. With warranted capability up to 22 metres high Betoconcept fulfils the structural need. With dry-build interlocking units, it’s certainly convenient and in comparison to other alternatives it shouldn’t overburden your budget.

Our second range of wall solutions features Binwall; functional dry-build units for aggregate storage, waste re-cycling etc. taking nursery build simplicity to impressive levels.



wallsolutions

System	Type	Paving layer	Drainage layer	Total depth	Drainage depth
grassroof	GRF/1	32mm	18mm	50mm	Filtered waterway
	GRF/2	32mm	18mm	50mm	Clear waterway

It's taken a while but our 40 years experience has shifted its focus from ground to roof level. New Grassroof incorporates many lessons learned and offers a cost effective green roof layer that can be installed over new or existing roof membranes. The simplicity of this system cuts through jargon and makes it relevant to a wider development of green roof applications.

System	Depth	Width	Length	Weight (each)	Fixing pins (steel)	Fixing centres	Colour
grasskerb 45	45mm	80mm	1000mm	0.39kg	7mm dia. x 250mm	max. 500mm	Carbon black
grasskerb 60	60mm	80mm	1000mm	0.46kg	7mm dia. x 250mm	max. 500mm	Carbon black

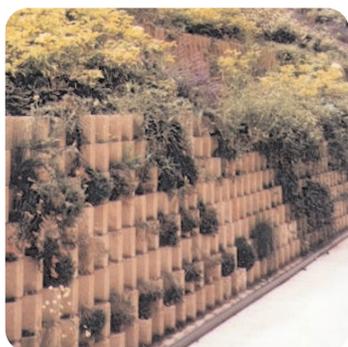
As a component element of Grassroof installations, as a kerb edge for block paving, or as a simple yet robust lawn edge, Grasskerb provides an easy and cost effective solution.



grassroof

grasskerb

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Supply and lay service

Design assistance
on individual projects
Worldwide availability



A full range of brochures and technical guides are available as required by download from our website.

Grass Concrete Limited

Duncan House, 142 Thornes Lane, Thornes,
Wakefield, West Yorkshire WF2 7RE, England

Tel: +44(0)1924 379443 Fax: +44(0)1924 290289

info@grasscrete.com

Please note that information is given in good faith, without warranty and subject to alteration without prior notice.



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www.grasscrete.com