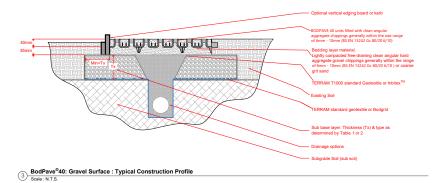
Isometric Showing unit connections

Scale: N.T.S.

BodPave®40 - Typical Plan View

Scale : N.T.S.



DESIGN NOTES:

Note 1: Minimum subbase thickness (Tx) can be selected from table 1 or 2. In the absence of any site specific ground investigation report, refer to the ground strength and permeability estimate on Pg 9 of the the specification, design and installation guide.

Note 2: If the Terram Bodgrid layer is omitted, then the total sub-base layer thickness (Tx) must be increased by 50%. A Terram standard geotextile separation layer should be specified with lower subgrade strength (CBR value) requiring a more robust grade in accordance with BS8661:2019 (see table 2).

Note 3. Bodpave units are an ideal surface for source control porous paving SUDS (Sustainable Drainage Systems) with a permeable sub-base; DoT Type 3 (Type 1x) porousiopen graded granular material as described in Specification for Highways Works clause 805. If a higher water storage (attenuation) capacity (vold ratio) is required a hard crushed angular "clean store" such as a course graded aggregate (CGA) type 420 (4 mm riminum and 20 mm maximum par tida size) can be used. The type of SUDS design (attenuation, total or partial infration) will depend upon the underlying ground conditions and rot as itsels are suitable for infilitation. West of infilitation (west and love-permeability coefficient x 1-105 ms). Clays with a loy plasticity index (x25%) will reduce in strength when saturated, a full attenuation system with an impermeable membrane directly on top of the subgrade is recommended. Specific advice on suitable drainage and construction over very west granut (CER x 15%) a available thoris TERPAM.

Note 5: The sub-base must be covered with a layer of Terram T1000 standard or InbitexTM nonwoven geotextile to prevent settlement due to mixing of the bedding & subbase layers and to provide filtration

Note 6: Bedding layer material should be lightly compacted, free-draining clean angular hard aggregate gravel chippings generally within the range of 6mm + 10mm (85 EN 13242 Gc 80/20 6/10). Rounded pea shingle is not suitable.

Note 8: Maximum advised gradient for traffic applications is 12% (1:8) 7°, Bodpave units have specific fixing points for steel u-pins if required for steep slope applications.

TABLE 1 MINIMUM SUBBASE THICKNESS (Tx) WITH BODGRID

SUBGRADE CBR*%	Cars/ light vehicles (#)		Coaches/Heavy goods/emergency vehicles (#)		Overlap
		Bodgrid	Thickness (mm)	Bodgrid	
1	300	GC30	400	GC30	600
2	150	GC30	250	GC30	500
3	125	GC30	175	GC30	450
4	125	GC30	150	GC30	400
5+	100	GC30	125	GC30	300

TABLE 2 MINIMUM SUBBASE THICKNESS (Tx) WITHOUT BODGRID

SUBGRADE CBR*%	Cars/ light vehicles (#)		Coaches/Heavy goods/emergency vehicles (#)		Overlap
		Standard geotextile		Standard geotextile	
1	450	T2000	600	T2000	600
2	225	T1500	375	T1500	500
3	200	T1000	300	T1000	450
4	200	T1000	225	T1000	400
5+	150	T1000	200	T1000	300

Regular flight turning of vehicles and "dry" steering may cause damage to the Bodgave units and/or displace gravel infill, vehicle manoeuving should be carefully considered at specification/design stage.

Gravel filled units may require some maintenance when subjected to regular channelised and turning traffic loadings. Terram Bodgave "and Truckpave" paylows are generally recommended for occasional overnur or regular InfoV traffic respectively. It constitution traffic also load exceeds 60Ms (6 mores, limitimus subsess tellulores over IERRAM Bodgrid should be 200mm.



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