



Invisible Structures, Inc.
1600 Jackson Street; Ste 310
Golden, CO 80401

September 21, 2012

RE: Grasspave2 compared to BodPave 85

To Whom It May Concern:

I would like to take this opportunity to present Grasspave2 advantages as compared to the BodPave 85 product. I would like to start by pointing out that Grasspave2 is manufactured in the United States and BodPave 85 is manufactured by Boddingtons out of the UK).

A truly unique benefit of our porous pavement systems is that they are flexible. Our porous pavement systems do not share a common wall and are connected by a flexible support grid. This makes our porous pavement systems distinctly different from our competition. Our competitors plastic porous pavement systems all share a common wall or cell. This makes those systems very rigid and less likely to undulate with a natural terrain, or be able to flex with expansive soils or freeze/thaw conditions without popping up. Rigid paver manufacturers usually specify a leveling layer of sand between the base course and paver, which not only adds to the expense and time of installation, but can actually create structural problems by allowing an unstable layer to receive loads - with potential for generating ruts above a properly compacted base.

BodPave 85 has parking markers that come with the product, but we have received feedback that these markers can be more problematic than helpful. These markers snap directly into the paver, and proper placement of the markers requires additional planning to place the paves such that they are located in the exact area where you want demarcation. This additional feature has actually turned into additional time for installation and thus additional cost for the extra time necessary to plan the placement of the pavers with the demarcation in mind. Further, in installations with curves or areas where the demarcation is at an angle, eliminates these marker as being helpful as the product cannot accommodate them in these circumstances. We have found that demarcation using a feature that is floating above our system rather than snapped into it is the cheapest and easiest solution for all involved.

A few of the additional benefits that our Grasspave2 product offers you are:

- The strength of Grasspave2 far exceeds that of BodPave85. When installed, Grasspave2 is rated for 15,940 psi, and BodPave 85 only for 569 psi.
- Grasspave2 interlocking strength has been tested at 458 lbs/inch. BodPave 85 does not list a pull-apart strength of their connections.
- Since Grasspave2 comes in rolls, it is much faster to install than the separate panels of BodPave 85.
- Grasspave2 offers the more available root area for turf (92% for Grasspave2 vs. 75% for BodPave85), making it more permeable throughout the cross-section and allowing for healthier root growth as the roots have more room to penetrate deeper into the cross-section.
- Our product can be cut with pruning shears whereas BodPave85 requires either hand or electrical sawing making again, making Grasspave2 easier to install.
- Grasspave2's parent company has been based in the US for the past 30 years. All parts are manufacturer in the US as well. This is not the case for the Boddington's product.

Invisible Structures, Inc. certifies that our Grasspave2 grass reinforcement product will meet every important performance criteria required, and is equal or better than any competitive product available.

Finally, I would like to confirm that Grasspave2 is manufactured in an ISO 9002 facility. This insures that each part we send out is done so with the highest level of quality available in the manufacturing world.

I hope the enclosed information helps, and please feel free to contact us if you have any additional questions or comments.

Respectfully,

Kate Wright
Staff Engineer
Invisible Structures, Inc.

cc: Kevin Cobaugh
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