



Task Green Flood Barrier Technical Datasheet



The Task Green Flood Barrier has been designed to provide a modular product, easily worked and shaped to give an almost watertight barrier when properly installed. The individual parts have each been designed and engineered to the most exacting specifications

Product Specifications

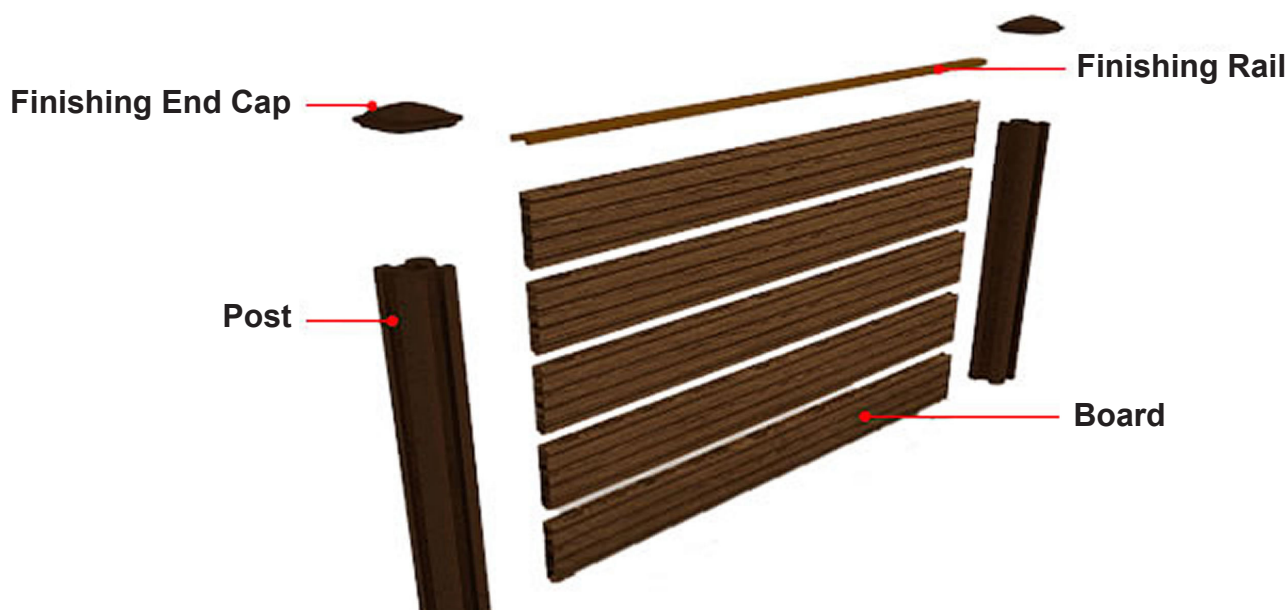
The innovative polymer material is manufactured from recycled High Density Polyethylene (HDPE). Internal cavities have been designed to provide a high strength product. The composition of the polymer means it is highly resistant to u/v deterioration and is unaffected by long exposure to water and most chemicals. (The degradable life of the product has been calculated to be up to 150 years)

The material is composed of:-

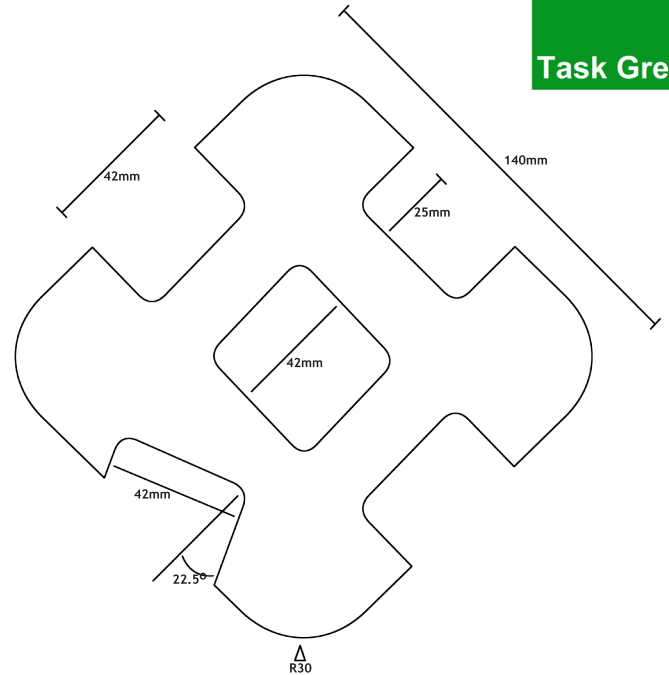
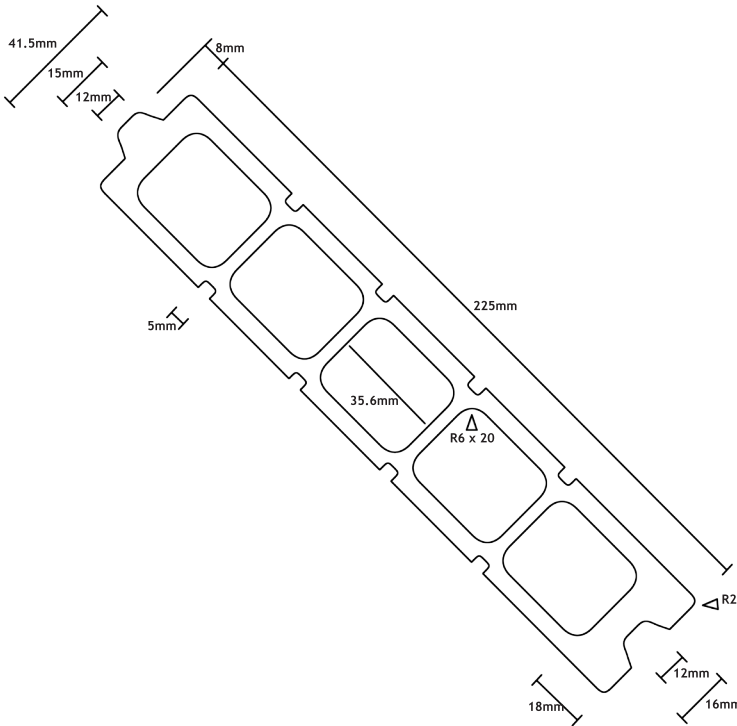
- Recycled HDPE
- Glass Fibre – for strength
- Wood Flour to provide workability. The product can be drilled, sawn and screwed as timber
- Other additives such as stabilisers and anti-oxidants – to give a long operational life
- A special adhesive has been developed to ensure that permanent installations remain watertight for the operational life of the barrier.



Parts List



Product Code	Description	Length (mm)	Width (mm)	Depth (mm)	Weight
157084	Post (standard)	2200	140	140	33.0kg
157085	Posts (extended)	2900	140	140	43.5kg
157086	Boards	1900	225	41.5	10kg
157087	Post Caps	75	185	185	
157089	Top Rails	1850	80	45	4.2kg
157090	Board Blank Plates (Standard)	225	40	20	
157948	Rubber Blank Plate (Demountable)	225	40	20	
157946	Post & Pin (Demountable)				
157947	Board Clamp (Demountable)				
158257	Post Finishers	1200	40	25	1.6kg
158416	Terostat 92 Adhesive				



Installation

As with all installations of this type of product, the post fixing is vital.

The Task Green Barrier uses, as standard, a 2.20 m post length (for a maximum barrier height of 1125mm). Longer posts are available for barrier heights up to 1800mm or where unstable ground conditions make deeper foundations desirable.

Additional structural support to the barrier can be provided using a variety of designs where there is difficult terrain or there is likely to be heavy pressure on the barrier. (Contact us for details).

Post depth for the standard product at maximum height is 1000mm @ 1990mm centres. Post holes should be constructed as follows:-

“A 350mm x 350mm square hole formed with vertical sides (*Some damage at the top of the hole may be inevitable and is not a problem provided the hole does not “taper out” toward the top*)”

Once the posts are fixed, board blanks should be fitted in the boards and fixed with Terostat 92 adhesive, and the boards inserted between the posts. The bottom board of the barrier should be inserted below ground level such that the bottom of the second board, when fixed, is at ground level. Care should be taken to ensure that the location tongue and grooved effect on the boards is forced together. Terostat 92 adhesive should be used between each board and between the posts and boards.



Additional boards below ground level can be fitted to increase stability in unstable ground conditions.

For the Demountable product use rubber board blanks and fix a board clamp to ensure an effective seal between boards.

