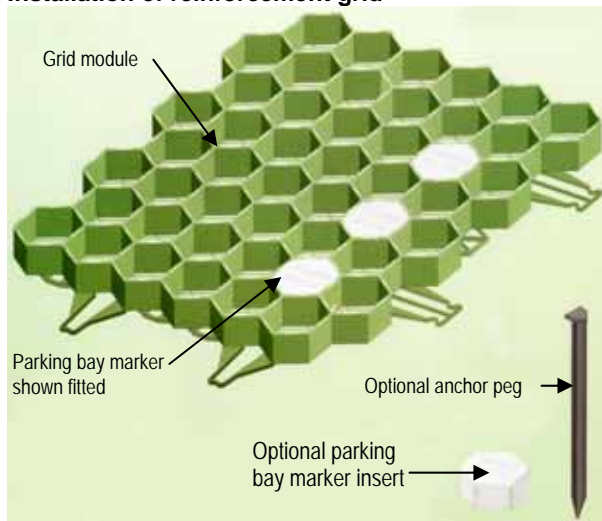
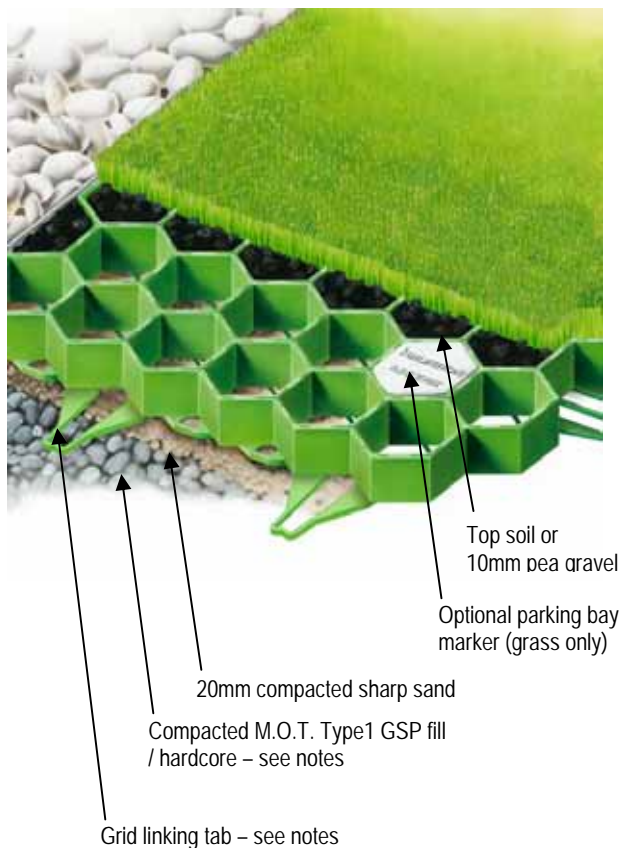


Installation of reinforcement grid



System components



Ground preparation

Introduction

The RECYFIX® Surface reinforcement grid system is a discreet and permanent surface reinforcement system grassed or gravel areas providing a loading capacity of 200 tonne/m² that easily allows for the weight of a fully laden 4x4 vehicle. The simply installed system consolidates the surface, prevents erosion, and yet still allows high capacity drainage.

Grassed or gravel areas - car park or driveway in a residential property

The area where the reinforcement grid is to be installed should be dug out to a minimum nominal depth of 200mm.

The excavation should be filled to a depth of at least 150mm with M.O.T. Type 1 GSP fill or hardcore which must be compacted.

A 20mm layer of sharp sand should be spread on the compacted GSP or hardcore. The sand must also be compacted.

NOTE: If the subsoil is soft or porous, then a deeper foundation may be necessary.

Positioning the grid modules and topsoil infill

With the area prepared as detailed above, position the 389mm x 334mm grid modules ensuring the tabs on their outside edges interlocked – i.e. each grid module is locked to adjacent modules using the integral Grid linking tab. Once this is done, pull the locked modules apart slightly to create an expansion space.

Please note, 5.9 pieces installed cover about one square metre (m²)
Where modules butt up to a kerb the tabs can be sawn off.

Anchoring pins and parking bay marker inserts

The 250mm long anchoring pins are recommended on sloping ground where at least two are normally required of each module. Where there is no retaining edge around a parking bay then at least twelve pins are recommended around the perimeter of the bay. For larger grassed areas, optional parking bay marker inserts (Article No 40015) can be supplied – four recommended with every 68* grids supplied i.e. four per car park bay. The parking bay markers are used to define the parking bays – they simply press into the hexagonal grid as illustrated.

Where there is no retaining edge along a gravel driveway then at least one fixing pin should be inserted into each module along the perimeter edge of the driveway.

Fill the grids with riddled topsoil and water in well before sowing the grass seed or 10mm pea gravel.

RECYFIX® Reinforcement grid				
Length per piece mm	Width mm	Height mm	Article No Grid	Article No Anchor pin
389	334	38	40000	40020
Only available in Green. Weight per piece 1.0kg 5.9 pieces installed cover about one square metre (m ²) *The minimum order from nbs is 68 pieces – This will cover an area measuring approximately 4.8m x 2.4m i.e. one car park space.				