RECYFIX®GREEN SUPER – Installation instruction

The installation instructions contain suggestions that are generally familiar. It is up to the specifiers involved to stipulate any special installation methods appropriate to local soil and load bearing conditions. The codes and regulations generally familiar to the trade, such as DWA-A 138, DIN 18318 and DIN 18315 ZTVT-STB, should be taken into account during installation. RECYFIX GREEN SUPER are optimally suitable for incidental using of parking areas with low utilisation for car traffic, trucks or busses, e. g. in commercial areas. In emergency situations sufficient safety is provided in accordance with DIN 14090 (regarding access for fire engineers). Slopes of more than 5% may not be formed in traffic-bearing surfaces. Larger slopes may be formed if the location of installation is an embankment.

1. Preparation of the substructure should be carried out subject to the above regulations. Care should be taken to ensure sufficient permeability is achieved without compromising stability.

2. Compression of the loose base course together with its later load bearing, e. g. buses or coaches on frost-free subsoil, should be approx. 50 cm. The materials should be made up in accordance with ZTVT-STB.

3. Before the honeycombs are laid a bedding layer should be prepared depending on the depth to which the honeycombs will later be filled. After compression it should be about 4 cm thick. If the honeycombs are to be filled with a mineral-based mixture, i.e. with special grit crushed stone fines 0/5 or similar may be used. Any further washing out of material into the lower layers should be prevented by ensuring the filter stability of the layers. If the honeycombs are to be filled with turf, an appropriate layered lava mixture should be used for the bedding.

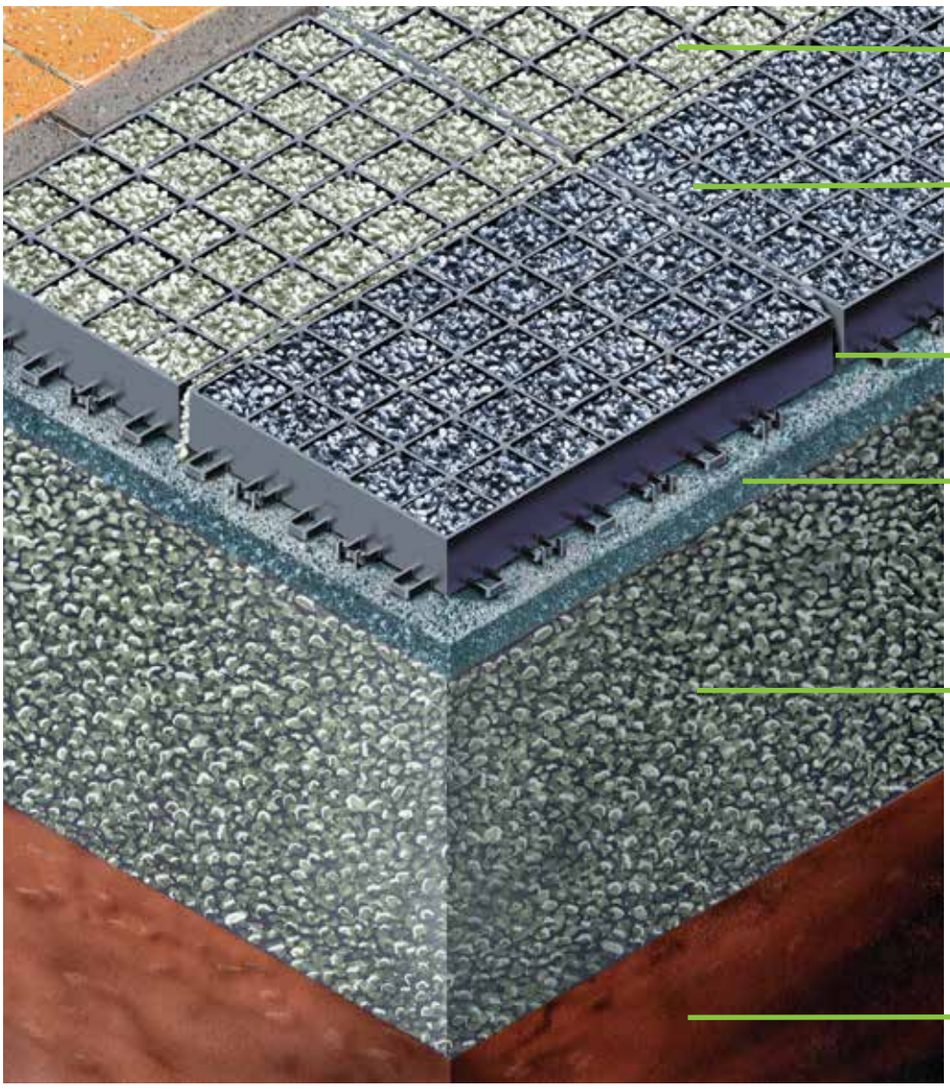
4. RECYFIX GREEN SUPER have been designed to be laid with an expansion joint in order to compensate for any expansion in the honeycombs. The linking system enables the joints to be locked in place from above by applying pressure with the foot. Curves or gaps can be created using standard cutting tools.

5. The anchor pin system at the base of the comb guarantees a good fit on the bedding. The entire area should be framed with an edging or fixed with anchoring pegs so that it is level. Depending on the way the ground is prepared, these anchors can be hammered in through special guide ways in the honeycomb.

6. When being filled with mineral-based filler, e. g. gravel or special grit (2/5), the honeycombs should be filled in before and after riddling permanently up to the upper edge, which can be done using standard plate vibrators. The tyre profile must not get caught with the webs of the comb.

7. Where grass is being used, the honeycombs should be filled with growth substratum in two phases before and after riddling, using standard plate vibrators, in accordance with DIN 18917 and DIN 18035 part 4. The surface should be watered be fore riddling takes place so that the substratum can settle. After seeding in a depth of approx. 7 mm, the refilled substratum should be level with the top of the honeycombs. During germination the surface should be watered regularly until after the first cut and it should remain unused by vehicle traffic. The tyre profile must not get caught with the webs of the comb.

8. We recommend that the grass surface remain unused and be tended regularly – e. g. watered, mowed, filled up and if necessary fertilized – until after the 4th cut. This will ensure the area maintains the lasting appearance of a grassed surface.



1 mineral-based filler

2 RECYFIX GREEN SUPER

3 expansion joint

4 bedding

5 permeable base course

6 subsoil allowing seepage

Note: The information provided here represents our best knowledge and experience to date. We reserve the right to make changes as technology advances and for the purpose of continuing product development. Users of the products are responsible for checking the functions and application options of these products by consulting with qualified engineers. The mentioning of trade names does not constitute a recommendation and does not preclude the use of other products that have been tested in the same way. For further information please refer to the respective safety data sheets or application areas, e.g. for elastic sealing compounds. Any new edition of this publication renders older editions invalid. Date: 10/11

Look up our current installation instructions in the internet under www.hauraton.com