▶ RoadEdgePave – Purpose-Built for Raised Verge Reinforcement

Installation Instructions

1. General points:

- Foundation must be strong enough to take the load without subsiding.
- Final position of units should be approx. 1-2 cm below top edge of carriageway surface with a slight outward incline.
- Only crushed material (ideally 0/32 mm) should be used for the foundation. The same material can be used for the filler, alternatively grain sizes 0/16 or 0/22 mm.
- The units can be vibrated when empty and filled.
- Carriageway verges which are ragged at the edges should be made good so that the units can be laid as near to the verge as possible. Any spaces between may be filled with hot-poured or cold-poured asphalt.

2. Foundation works:

- Refurbish existing foundation by clearing old material - 10 – 20 cm is usually sufficient - and compressing. Then spread out and level off to create a surface suitable as the installation bed. A setting template can be used to level off the surface. The template should be inserted approx. 5 cm under the OK road surface with a slight outward incline.
- The units are then laid directly on the loose surface (grain size 0/16, 0/22, 0/32 mm), pressed down and vibrated when empty. This presses the crosses into the foundation material and fixes the units in place. The final position after vibration should be at least 1 cm under the OK carriageway surfacing.

3. Laying the units:

- For best results the units should be laid in the direction of the traffic. The panels should be laid so that the T-pieces are facing away from the oncoming traffic. The following units should be connected at an angle of approx. 45 degrees. As they drop down the units catch in place automatically. To simplify the work on relatively long stretches of road the units can be transported in hand trucks and distributed along the route in advance.
- Alternatively the units can be laid out and pre-assembled on the road and moved into position in one long piece. This methods works particularly well on bends as the units can be "worked" into the bend better.
- The units should be vibrated when empty and filled.

4. Filling the units:

- Once the panels are in their final position (min. 1 cm below OK carriageway surfacing) and have been vibrated and settled in the foundation then the units can be filled. The ideal filler is grain size 0/32 mm crushed material, alternatively 0/16 or 0/22 cm. The panels should be overfilled slightly so that the filler compacts when vibrated. The excess filler should be cleared away.
- If planting is required then the filler material should be no higher than the top edge of the units before vibrating. During compaction a space of approx. 1 cm is generated which can then be filled with topsoil and planted with seeds.
- An edge restraint could be used to aid stability and should also be compressed.

Should you have any further questions please contact:
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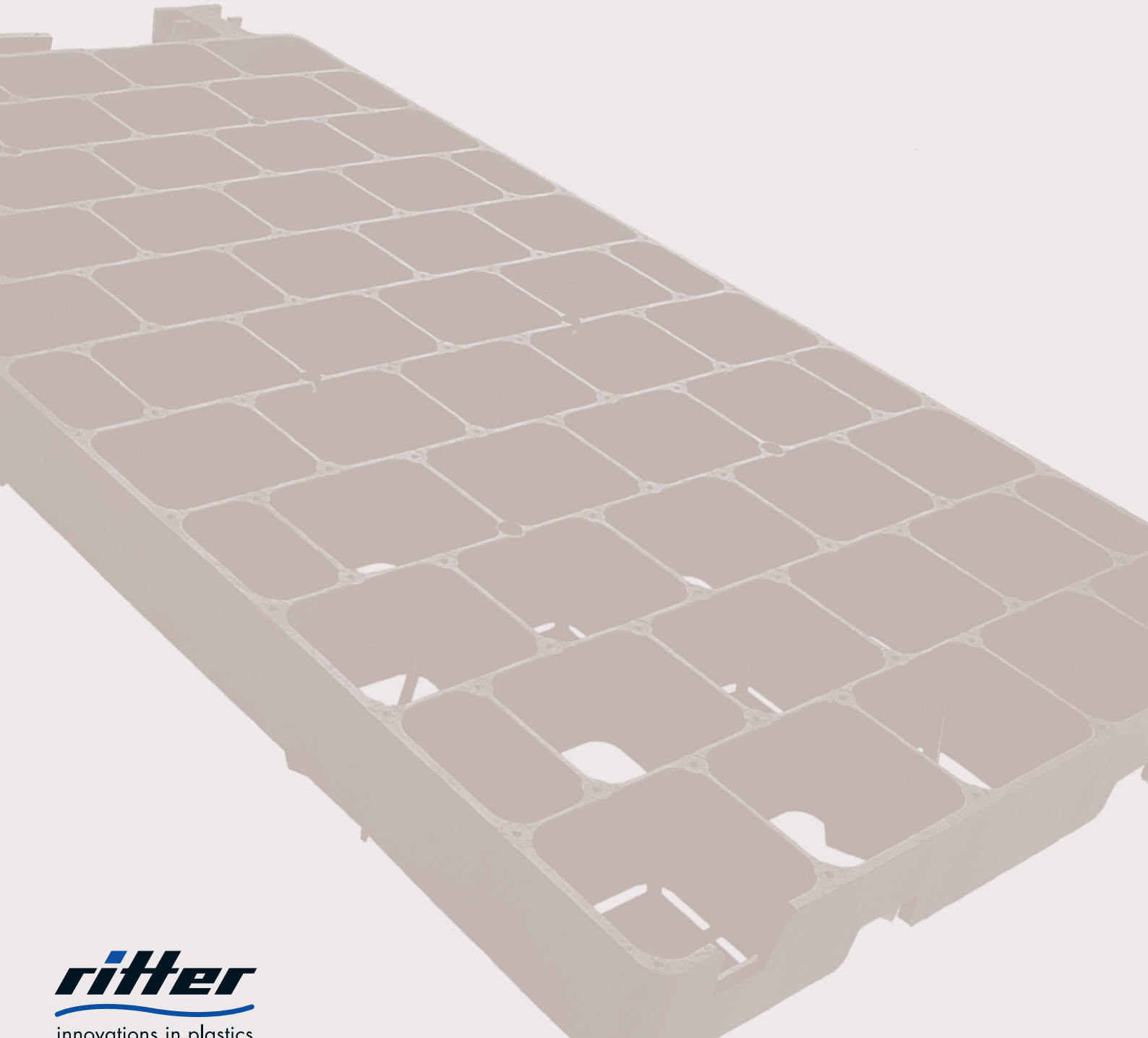

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