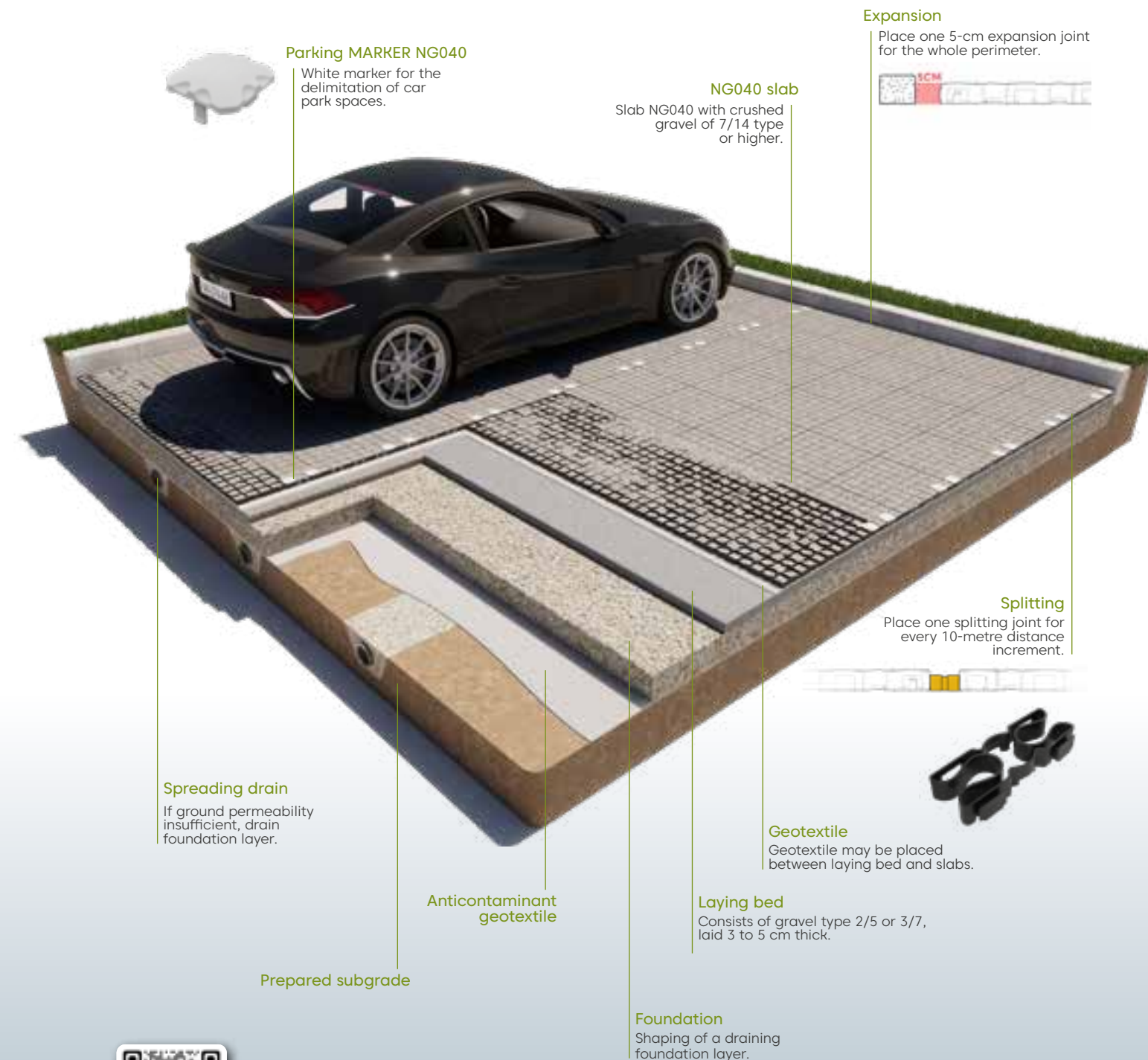


NIDAGRAVEL NG040 OPERATION PRINCIPLE

Nidagravel NG040 slabs, filled with gravel, are used to create stable and permeable surfaces, particularly for parking areas and light vehicle access roads.

Slab NG040 car park marker makes it easy to delimit parking spaces. Its domed design makes it visible above the gravel.

Our expansion accessory is used to create gravelled areas of significant length. Position accessory every 10 metres to **split** surfaces and secure work.



SEE PROJECTS VIDEOS

IMPLEMENTATION NIDAGRAVEL NG040

1 EARTHWORK AND FOUNDATION



2 LAYING BED



3 BORDERING



Break up the ground surface. Depending on the nature of the subgrade and once the latter's bearing capacity has been assessed, proceed to dig the draining foundation layer. Cover the foundation layer with a 2/5 or 3/7-type gravel bedding, 3 to 5 cm thick. Compact and adjust. Concrete bordering should be laid in the traditional way. A geotextile may be positioned between the installation bed and the slabs.

4 LAYING THE PLATES



5 DILATION



6 VIBRATION BEFORE AND AFTER FILLING



Start laying the slabs from one end of the site, positioning the fastening systems in the direction of progress. The slabs should be placed 5 cm away from the edging and all hard points (pulling chamber, inspection cover, etc.) to prevent lifting (expansion joint). A segmentation joint must be installed for any length exceeding 10 m or 4 parking spaces to secure the installation.

Vibrate the empty slabs, then fill them with gravel until level. Once the slabs are filled with gravel, vibrate the entire surface, then top off as needed.



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FOCUS USE AND APPLICATIONS

Turning areas

For pronounced turn areas, prioritise a mix of materials if necessary.

Slope

In vehicular access areas, we do not recommend using Nidagravel when slope is greater than 10%.

