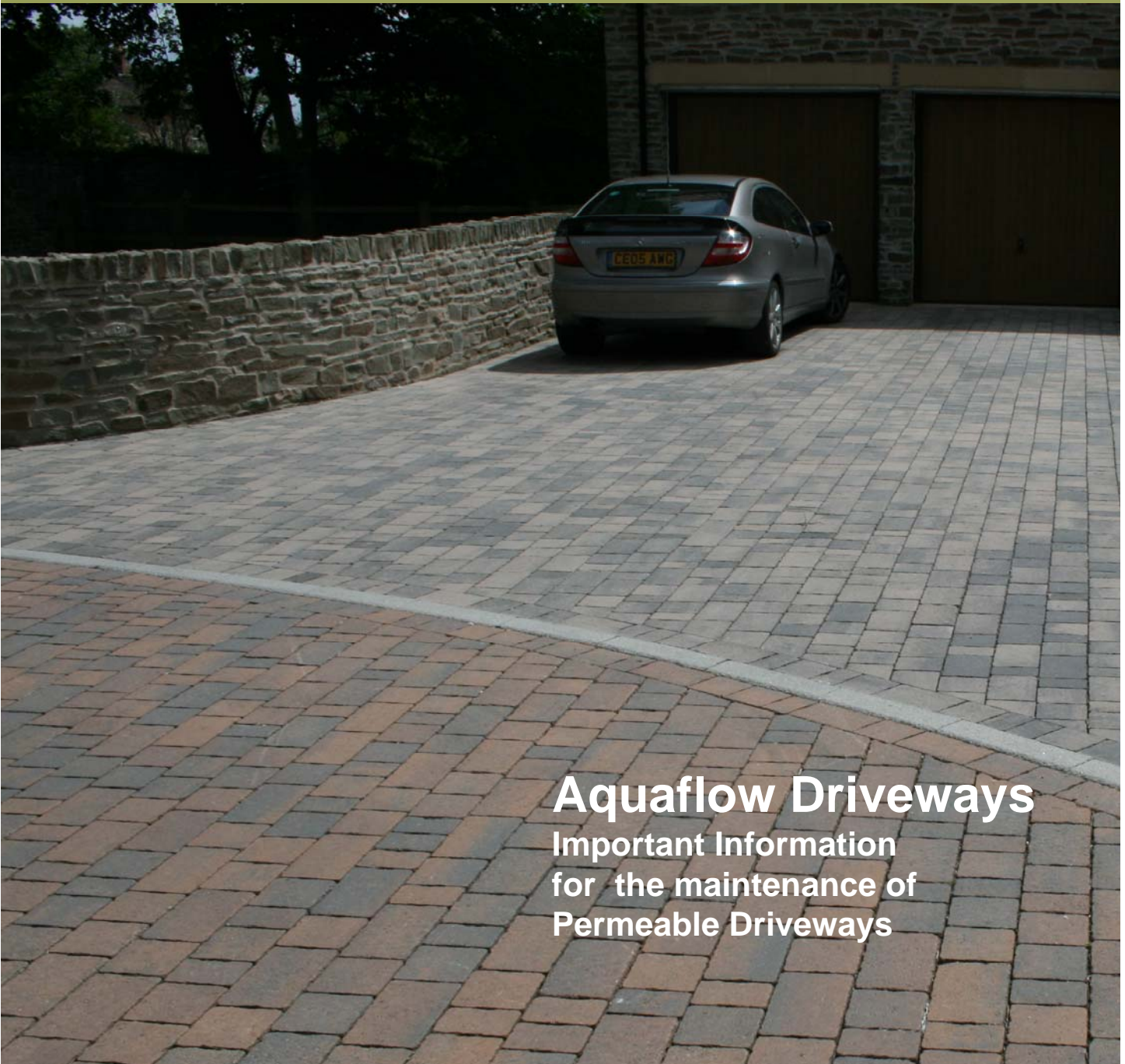


Hanson Formpave

Formpave



Aquaflow Driveways
Important Information
for the maintenance of
Permeable Driveways

Important Information about your Aquaflo Driveway

The Aquaflo system is more than just a driveway or patio. It also provides an environmentally friendly solution for rainwater drainage.

You will notice that the Aquaflo paving blocks have small channels around the block.

It is these channels that allow water to drain through the surface of the paving into a specially designed sub-base.

This sub-base consists of particular components that each perform a different task.

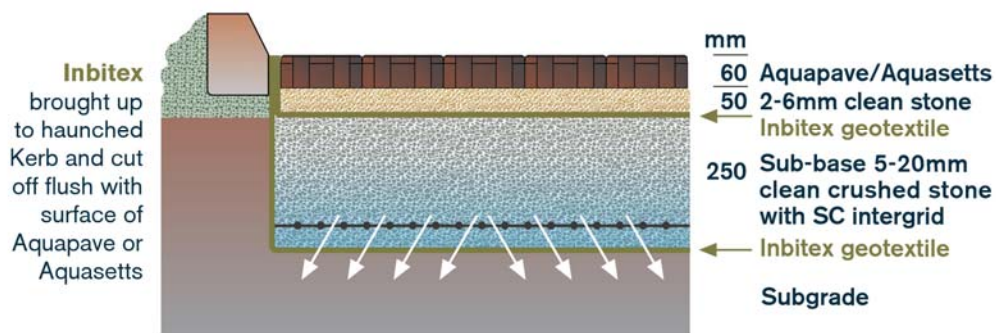
1. Laying Course – 2-6mm crushed stone, a 50mm screeded layer.
2. Inbitex – a green fibre geotextile to filter and clean rainwater.
3. Sub-base -5-20mm crushed stone, the load bearing layer
4. S.C. Intergrid- a square grid that aids the sub-base loading capacity.
5. S.C. Membrane – An impermeable black plastic liner to create a watertight tank.
6. Aquaflo surface dressing – a 2-4mm grit that is brushed into the joints.

All of the stone within the construction must be clean, crushed and angular. The angular shape of the stones create a honeycomb like structure. This allows water to drain into and become stored within the sub-base.

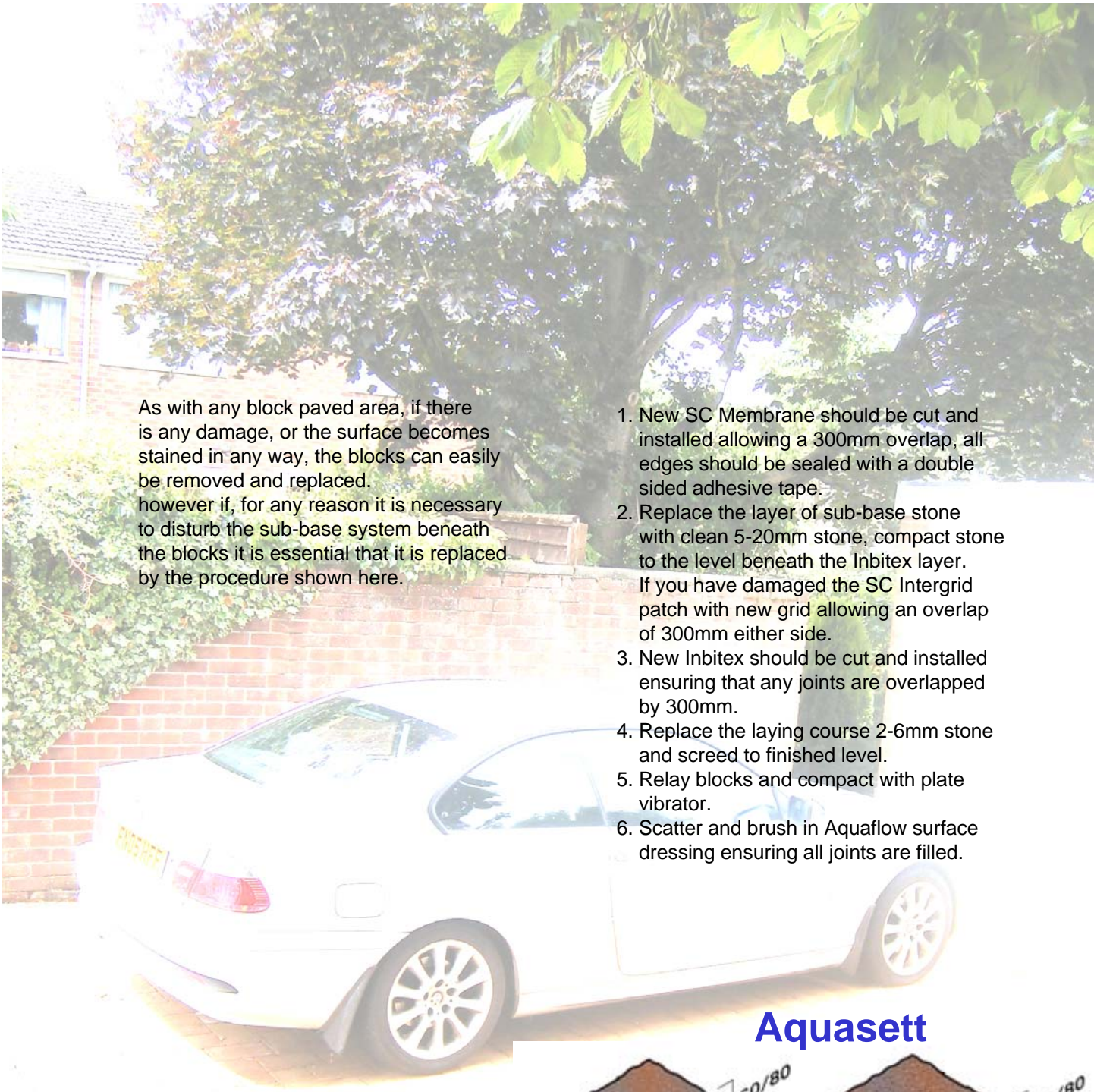
The surface therefore needs to be protected from fine material such as soil and sand. So for example if you have a delivery of turf or top soil you must ensure that you cover the driveway to prevent spillages that could affect the draining capabilities of the surface.

The Aquaflo area should be swept regularly to keep it free of leaves and other debris.

The system will deal with small quantities of oil spillages, but should be covered for vehicle maintenance such as an oil change.



Aquaflo permeable paving system
Typical Infiltration system for a domestic driveway



As with any block paved area, if there is any damage, or the surface becomes stained in any way, the blocks can easily be removed and replaced. However, if, for any reason it is necessary to disturb the sub-base system beneath the blocks it is essential that it is replaced by the procedure shown here.

1. New SC Membrane should be cut and installed allowing a 300mm overlap, all edges should be sealed with a double sided adhesive tape.
2. Replace the layer of sub-base stone with clean 5-20mm stone, compact stone to the level beneath the Inbitex layer. If you have damaged the SC Intergrid patch with new grid allowing an overlap of 300mm either side.
3. New Inbitex should be cut and installed ensuring that any joints are overlapped by 300mm.
4. Replace the laying course 2-6mm stone and screed to finished level.
5. Relay blocks and compact with plate vibrator.
6. Scatter and brush in Aquaflo surface dressing ensuring all joints are filled.

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