



Premier Surfacing

What is the sub-base?

As the name suggests, the sub-base of a resin bound surface is the surface that lies underneath the base or 'binder course'. A good sub-base aids the strength of the overall system and also provides a level working platform for the base.

What is the best sub-base for a resin bound system?

If you are laying a permeable base above your sub-base (such as open course macadam) your sub-base for a resin bound system should be well compacted MOT type 3. If your base is not permeable but has enough of a slope to allow the water to run off into a suitable drain, then MOT type 1 may be used. In order for a resin bound installation to be SUDS compliant, it must be permeable.

What are the main resin bound binder course materials?

The main binder course or base materials recommended for resin bound systems are macadam, concrete and rubber. Each has different characteristics and advantages.

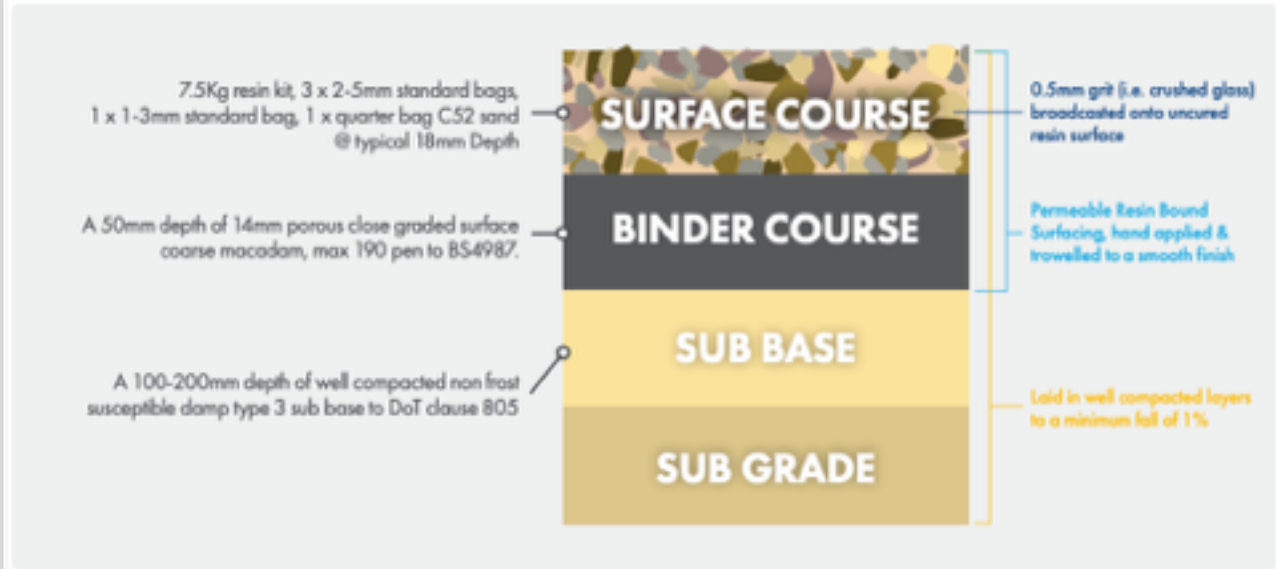
The following information looks at a typical base build up with best practices adhered to.

Resin bound macadam base

Macadam is a type of construction surface that is formed with successively compacted layers of broken stone, bound with tar or bitumen. Macadam is recommended for a resin bound system that needs to be permeable and SUDS compliant.

The recommended base build up for a macadam base course includes a 50mm depth of 20mm porous open graded surface course macadam, max 190 pen to BS4987.

For more information on base requirements



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