Resin Bound Surfacing

CAR PARKS - SuDS Compliant*





RESIN BOUND SURFACING

RonaDeck Resin Bound Surfacing minimum **18mm** thickness with optional RonaDeck Resin Bound Surfacing Anti-Slip Aggregate.

BINDER COURSE

100mm minimum depth of AC14 open graded asphalt concrete (macadam) maximum 70/100 pen binder to BS EN 13108-1.

GRANULAR SUB-BASE

300mm minimum well compacted Type 3 granular sub-base or similar approved.

GEOTEXTILE MEMBRANE

CAPPING LAYER

If required, depending on sub-grade condition.

SUB-GRADE







- RonaDeck Resin Bound Surfaces can be applied to suitably constructed asphalt concrete or concrete surface. Care should be taken when designing constructions subject to vehicle weights up to 7.5 tonnes, high levels of car movement or heavy footfall may require greater depth of construction. Expansion and/ or construction joints in concrete should be expressed in the surfacing. Any imperfections or static cracks should be repaired with Ronafix polymer/cement mortars or similar.
 - A suitable edging should be provided to prevent damage to edges of the surfacing. Surfacing should not be bonded to edgings which are liable to movement and isolation joints are recommended.
 - If existing sub grade is unstable, it may be necessary to stabilise it with a granular capping layer.
- The base should be laid to falls when surfacing is to be applied to concrete or close graded asphalt concrete.

• Total base and sub-base thickness will be dictated by loading and in the case of permeable construction, drainage requirements.

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