

Resin Bound Permeable Surfacing

Recommended specification for Addaset, Addabound, Terrabound

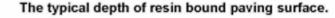
Car Parks and Access Road

Typical base build up for cars & occasional delivery vehicles

0.5mm dia grit cast onto uncured surface

Surface Course

Hand applied and trowelled to a smooth finish by Addagrip approved installers.



3mm aggregate formulation requires a minimum of 16mm

6mm aggregate formulation requires a minimum of 18mm

10mm aggregate formulation requires a minimum of 24mm

Binder Course

Laid by others in well compacted layer to a minimum fall of 1.5% (1 in 66)

Road Base

laid by others in well compacted layer to a minimum fall of 1.5% (1 in 66).

Sub-base

laid by others in well compacted layers to a minimum fall of 1.5%. A 35mm depth of AC 10 close surf asphalt concrete max 100/150 pen to BS EN 13108-1:2006. (Bituminous Macadam).

A 70mm depth of AC 32 dense base asphalt concrete max 100/150 pen to BS EN 13108-1:2006. (Bituminous Macadam) laid in two or more layers.

A 200-350mm depth of well-compacted non-frost susceptible Type 1 granular sub base to SHW clause 803 or locally available secondary or recycled aggregates which comply with the requirements of the SHW works for sub-bases.

> A geotextile membrane to prevent upward migration of fine soil particles (optional).

Capping Layer

Sub-grade

NOTE:

Addagrip Resin Bound Surfaces can be overlaid onto existing asphalt or concrete surfaces of suitable construction for the traffic expected. Any movement joints/construction joints in concrete should reflect through to the surface. Cracks should be broken out if necessary and filled with a polymer/cement crack filling material.

Areas that may be trafficked by heavy vehicles should have structural layers designed according to the Highways Agency.

A suitable steel, wood, brick, stone or aluminium edging should be provided to ensure a neat edge detail.

The maximum tolerance of the base should not exceed 3mm under a 1m straight edge.

If plastic or silty sub-grade is present, a capping layer should be used in accordance with HA design Manual for Road and Bridges HD25. If there is a danger of ponding, the sub-base should be laid to falls.

Total sub base thickness will be dictated by loading and attenuation requirements.

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The figures quoted do not constitute a specification, they represent typical values obtained for this product.

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