

Private Driveways (SuDS)

Typical base build up for turning driveways (up to 7.5 tonne)

Recommended Specification for ADDAGRIP ECOHEAT SURFACING



0.5mm dia. grit cast onto uncured surface

Addagrip Ecoheat Finish

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

Addagrip Ecoheat Base

Addagrip Ecoheat base 18mm depth and Ecoheat pipework

Binder Course

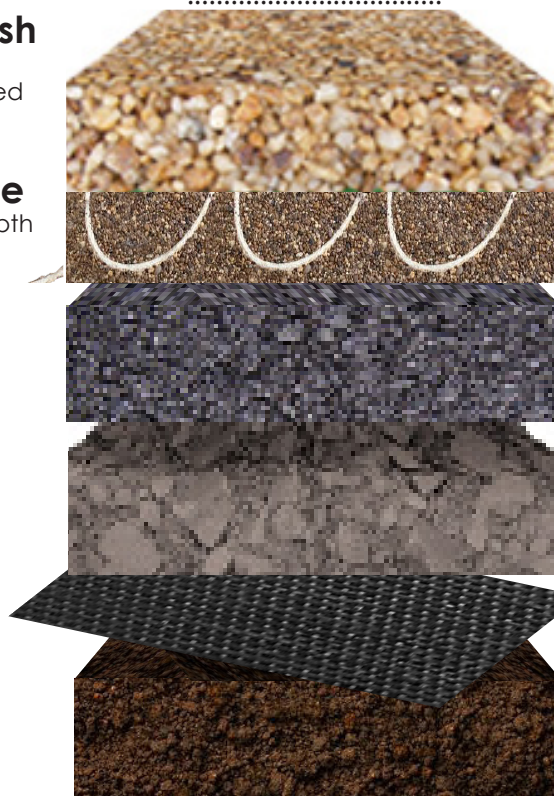
Laid by others in well compacted layer to a minimum fall of 1.5% (1 in 66)

Sub-base

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

Optional membrane

Sub-grade



Typical depth of resin bound surface:

6mm aggregate formulation min. 18mm
10mm aggregate formulation min. 24mm

Addagrip Ecoheat base mix 18mm-22mm

A 70mm depth of AC14 or AC10 Open Surface asphalt concrete max 100/150 pen to BS EN 13108-1:2006 (Bituminous Macadam) or 50mm depth of Terrabound base.

A 150-225mm depth of well compacted, non-frost susceptible Type 3 granular sub-base to SHW clause 805 or 4/40mm, 4/20mm graded crushed concrete aggregate to BS EN12620 or locally available secondary or recycled aggregates which comply with the requirements of the specifications for Highway works for sub-bases.

A geotextile membrane to prevent upward migration of fine soil particles or an impermeable membrane to convey water to infiltration or storage systems etc. (optional)

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 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.