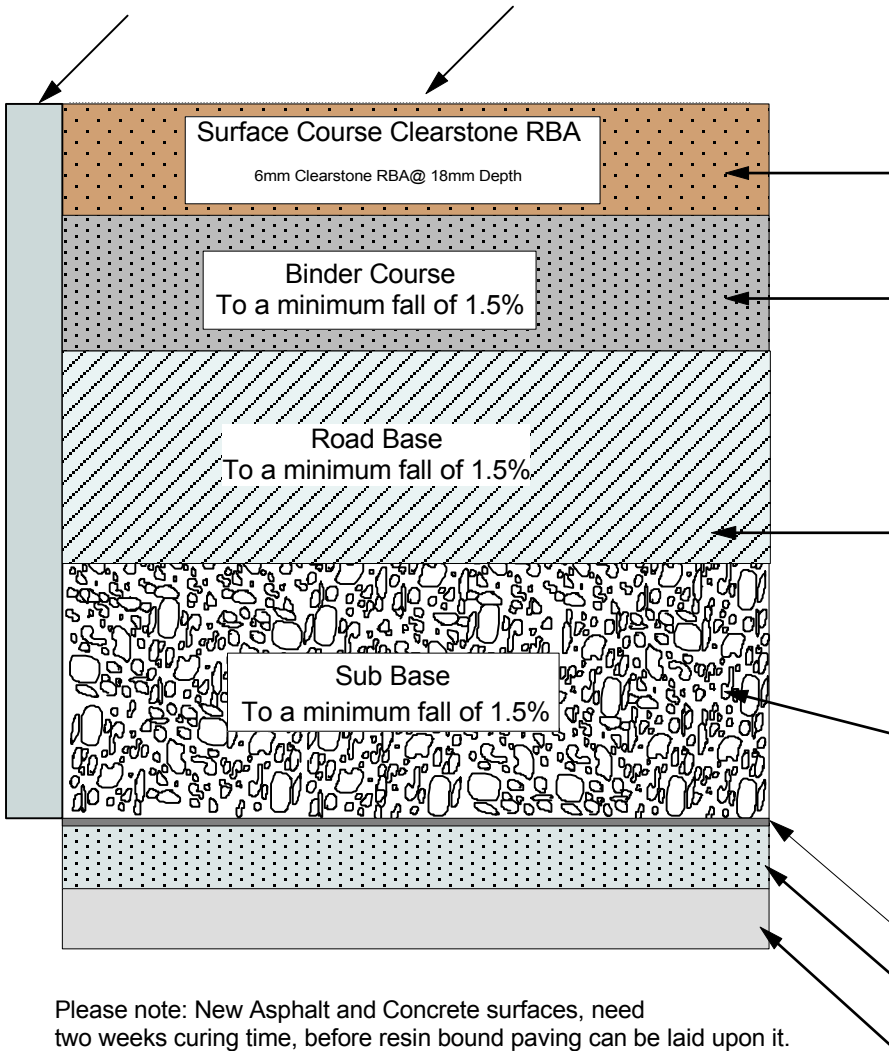


## Car Park/Access Road (cars & occasional delivery vehicles)

Path or kerb edge left the appropriate height above binder course Asphalt

Fine glass sand sprinkled onto uncured surface.



Please note: New Asphalt and Concrete surfaces, need two weeks curing time, before resin bound paving can be laid upon it.

#### RESIN BOUND SURFACE TREATMENT

The typical depth of Clearstone resin bound paving surface:

Resin bound aggregate, hand trowelled to a smooth finish, by Clearstone Paving Ltd

An aggregate size of 3-6 mm requires a 18mm deep layer of Clearstone RBA Laid by Clearstone Paving Ltd

#### ASPHALT (Laid by others)

35mm minimum of AC 14 close surface asphalt, laid by others. max 100/150 pen to BS EN 13108-1:2006. (Bituminous Macadam)

#### ASPHALT (Laid by others)

A 70mm minimum depth of AC 32 dense base asphalt concrete, Laid by others. Max 100/150 pen to BS EN 13108-1:2006. (Bituminous Asphalt) Laid by others.

#### MOT SUB BASE (laid by others)

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

A geotextile membrane to prevent migration upwards of fine particles (optional)

Capping layer (if needed)

Substrate

#### Notes:

- Clearstone RBA can be overlaid onto existing Asphalt or Concrete sub-bases, of suitable construction for the traffic expected. Cracks should be enlarged if necessary and filled with a Polymer/Cement filling material
- If there is a probability of standing water, then this may soften the substrate, therefore a nominal fall to an out-fall or soakaway should be considered.
- Areas that could be trafficked by heavy vehicles should have layers designed according to Highways Agency requirements.
- If the substrate is silty, then this may need to be stabilised or partially removed and replaced with sub-base/granular capping, in accordance with HA design manual for roads and bridges.
- The maximum deviation of the binder course should not exceed 3mm under a 1m straight edge.
- Total sub-base thickness will be dependant on expected loading, water storage capacity, and sub-base strength.
- This specification is based on normal good practice for flexible resin bound surfacing, and does not absolve the specifier from designing a base construction suitable for the expected loadings of traffic and ground conditions existing on a given site.

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