

Specification Advice

(spec 2)

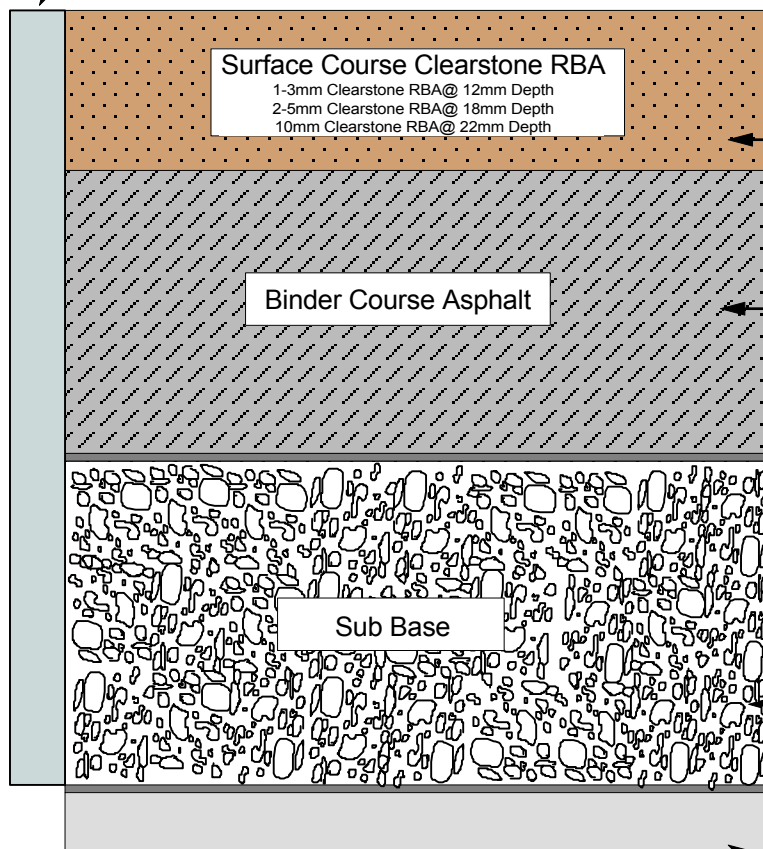
Permeable path

for laying flexible and permeable resin bound aggregate surfacing

Permeable Pathway Suitable for light pedestrian use

Path or kerb edge set at the appropriate height above binder course level.

Fine glass sand sprinkled onto uncured surface.



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 2-5 mm requires a 18mm deep layer of Clearstone RBA Laid by Clearstone Paving Ltd

ASPHALT (Laid by others)

A 50mm minimum of AC 14 open surface asphalt max 160/220 pen to BS EN 13108 (Laid by others in well compacted layers minimum fall 1.5%)

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

MOT SUB BASE (laid by others)

A 100mm minimum depth of well compacted Mot Type 3 granular sub base to SHW clause 805 or 4/40mm, 4/20mm graded crushed concrete aggregate to EN12620 or locally available secondary or recycled aggregates to comply with 2/6.3 graded crushed concrete aggregate to EN12620

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

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.
- 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.

Tel: (01273) 358177

www.clearstonepaving.co.uk

Email: new@clearstonepaving.co.uk

DISCLAIMER: Whilst Clearstone Paving Ltd. endeavours to ensure that advice, specifications, recommendations and information given is correct, it cannot have control over how substrates constructed by others are done and will not accept liability, directly or indirectly, arising from poor workmanship. Any advice, recommendation or information given by Clearstone Paving Ltd. is based on practical experience and is believed to be accurate at the time of publication, no liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the company. The figures quoted do not constitute a specification, they represent typical values obtained for the substrate of the product.