

ToppBase

SUSTAINABLE PAVEMENT SOLUTIONS

The **ToppBase** range provide highly sustainable and high performing pavement solutions, reducing carbon by up to 90% and finite resource consumption by up to 97%, compared to conventional equivalents.



ToppBase CRBM.

Cold Recycled Bound Material (CRBM) is manufactured and installed in compliance with Specification for Highway Works (SHW) Clause 948 and underpinned by Design Manual for Roads and Bridges, Vol. 7. ToppBase CRBM is a like for like equivalent to traditional asphaltic base and binder courses however is mixed at an ambient temperature using high quality recycled products.

	ToppBase CRBM.	Conventional Asphalt
Highways England Approved	Yes	Yes
Recycled Aggregate Content	100%	Max. 50%
Bitument Content %	3%	4.5%
Cement / Lime Content %	Up to 7%	5% specialist filler
Storage Time	Up to 28 days	4 hours

Application	ToppBase CRBM.	Conventional Asphalt
Footpaths	Yes	Yes
Cycleway	Yes	Yes
Carpark	Yes	Yes
Truck Roads	Yes	Yes
Primary Highways Network	Yes	Yes
Airfields	Yes	Yes
Emergency Repairs	Yes	Yes
Rural Roads	Yes	Yes

ToppBase CBGM.

Cement Bound Granular Mixtures (CBGM), is an extremely durable and economic construction material used in both foundation and structural pavement layers. ToppBase CBGM uses 100% recycled aggregates which increases sustainability with no effect on the quality or cost.

ToppBase RCC.

Like CBGM, Roller Compacted Concrete (RCC) is used as a robust structural element however is commonly specified as a trafficable surface. The material optimises high quality aggregates and binders but is the equivalent of Pavement Quality Continuously Reinforced Concrete Pavement. ToppBase RCC uses carefully selected high quality recycled aggregate which is easier to maintain than conventional concrete products, faster to lay and cheaper to make.

Why Choose ToppBase

- Quality Assurance
- Up to 90% reduction in carbon
- Closed loop recycling opportunities
- Minimises waste
- Manufactured from recycled materials
- Aids sustainability
- Valued Engineering
- Full Compliance with Highways Design and Specification documents

Sustainability

The Environmental Agency recognise technology such as **ToppBase** as a stabilising technology for hazardous materials, specifically asphalt waste containing coal tar. There is a calculated 90% reduction in carbon using the **ToppBase** range, in comparison to non-recycled asphalt equivalents, without carbon off-setting.

Quality Assured

The **ToppBase** range complies with clause 948 specification for Highways Works, BSI Certified ISO 9001:2015 and meets all relevant environmental and performance standards in accordance with the Environment Agency's regulatory position statement 075.

