

# EcoBlend™ GA

## Type 1 Sub-base



Specification for Highways Works  
Volume 1



# EcoBlend™ GA Type 1 Sub-base

This brochure describes EcoBlend™ GA Type 1 sub-base, a mixture of natural and manufactured aggregates, intended for use as a sub-base under flexible or rigid pavements and footpaths.

Grading for  
EcoBlend™ GA  
Type 1 Sub-base



## Technical Description

EcoBlend™ GA Type 1 is a mixture of two products, natural aggregate (limestone or granite) blended with Incinerator Bottom Ash Aggregate.

### IBAA

Incinerator Bottom Ash Aggregate is accepted and widely used sustainable aggregate both in the UK and on the continent. Over five million tonnes has been used within sub-base and capping materials in numerous applications in the UK over the last 10-year period.

## Requirement

EcoBlend™ GA is tested to the specification for Highways Works, Volume 1 Series 800 Clause 803 Type 1 Unbound Mixtures. Test results are available on request.

Sieve size	% Passing Each Sieve
63mm	100%
31.5mm	97%
16mm	73%
8mm	61%
4mm	47%
2mm	35%
1mm	26%
0.063mm	8%

## Benefits

- Can reduce material cost when compared with 100% natural aggregate.
- Offers a sustainable product.
- Fully compliant to specification.
- Robust product which performs well in a range of applications including trench workings and sports pitches.
- Effective use of waste.

## Design

EcoBlend™ GA should be incorporated in a construction design in the same way as all aggregate types. The recommended specification is: 'the Type 1 sub-base should comply with SHW Type 1 Clause 803 (Nov 2016), which may include EcoBlend™ GA.'



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## Sitework

The use of EcoBlend™ GA Type 1 does not present any hazards to human health over and above those of more traditional products (COSHH assessments are available on request).

It is important that any 'Type 1' product including EcoBlend™ GA should be laid with a suitable moisture content and compacted in accordance with the Specification for Highways Works.

Delivery to site can be loose or in bags.

## Sustainability

The use of EcoBlend™ GA Type 1 rather than natural (quarried) aggregate will help designers and contractors address issues of sustainability and resource management.

- The raw material for EcoBlend™ contains recovered waste. This reduces the environmental impact of the raw materials used on a project.
- Proximity is applied to the local sourcing of the raw materials recycled content.

## Other Products

The other products which are available in the EcoBlend™ range are:

- SM – Sports Mix
- BL – Recycled Asphalt
- WT – Recycled Concrete

## Case Studies

Please call or download from our website details of recent projects where EcoBlend™ GA has been used in the construction of footpaths, car parks, hard landscaping or widening of carriageways.





**Day Aggregates supplies natural, manufactured and recycled aggregates to the construction and civil engineering industry**

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