

# EcoBlend<sup>®</sup> GA



## Specification for Highways Works

Volume 1

## EcoBlend® GA Type 1 Sub-base

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



### Technical Description

EcoBlend® GA Type 1 sub-base is a mixture of natural aggregate (limestone or granite) and Incinerator Bottom Ash Aggregate (IBAA).

### EcoBlend® GA Grading

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

### Design

EcoBlend® GA should be incorporated into a construction design like all other 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.

### 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 upon request.

### Benefits

- Reduced material cost when compared to 100% natural aggregate
- Sustainable and robust product
- Fully compliant with specification
- Suitable for various applications, including trench workings and major roads
- Promotes the move towards a circular economy



## EcoBlend® GA Type 1 Sub-base

### Site work

The use of EcoBlend® GA Type 1 sub-base does not present any hazards to human health over and above those of more traditional products. Control of Substances Hazardous to Health (COSHH) assessments are available upon request.

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

EcoBlend® GA Type 1 sub-base is not suitable as a finished surface and should always be covered with a hard surface or building. Delivery to site can be loose or in bags.

### Sustainability

The use of EcoBlend® GA, rather than a natural (quarried) aggregate, will help designers and contractors address issues of sustainability and resource management.

- The raw material for EcoBlend® contains recovered waste, which reduces the environmental impact of the raw materials used on a project
- Proximity is applied to the local sourcing of the raw material's recycled content
- This material is supplied as a product, not a waste

### Additional Products

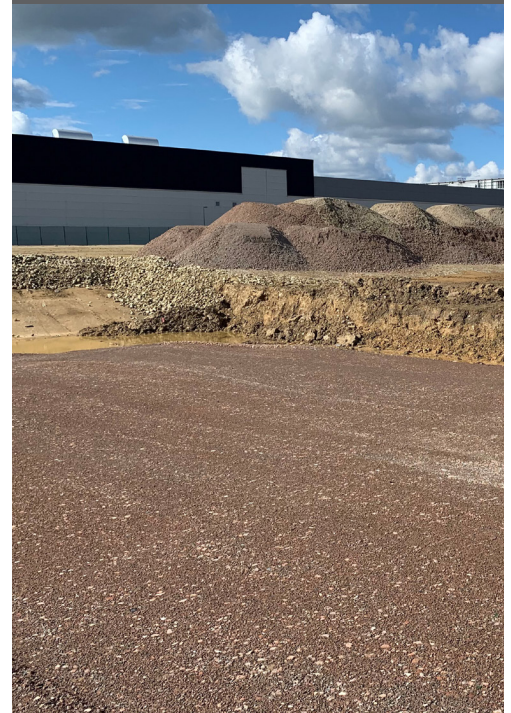
Other products in the EcoBlend® range include:-

- EcoBlend® SM (Sports Mix)
- EcoBlend® BL (Recycled Asphalt)
- EcoBlend® WT (Recycled Concrete)

For more information about our additional EcoBlend® products, please visit our website or call **020 8380 9600** to speak to a member of the sales team.

### Case Studies

Details of recent projects where EcoBlend® GA has been used in the construction of footpaths, car parks, hard landscaping and widening of carriageways can be downloaded from our website.



# DAY ■ AGGREGATES



[sales@daygroup.co.uk](mailto:sales@daygroup.co.uk)



020 8380 9600



[dayaggregates.co.uk](http://dayaggregates.co.uk)

Day Aggregates supplies natural, recycled and manufactured materials to the construction and civil engineering industry.