



Incinerator Bottom Ash Aggregate (Storage & Use) Guidance - Scotland

The Scottish Environment Protection Agency (SEPA) has strict rules outlining when IBAA can be used on construction projects. Furthermore, it outlines in which scenarios it can be used and the volumes permitted.

The below guidance applies if using unbound municipal incinerator bottom ash aggregate (IBAA). It also covers storage of IBAA in relation to its use.

Use of IBAA in bound applications

IBAA can only be used in bound applications where approved by SEPA. This is when IBAA is mixed with water and a binder such as cement to form a mixture which then sets.



The use of IBAA must not endanger human health or the environment. **It is a legal requirement to follow the rules set out below when using IBAA on construction sites in Scotland.**

Conditions that apply

- The IBAA may only be used in the following applications; sub-base or general fill in roads or construction platforms where the IBAA is covered with a low permeability surface or buildings.
- The IBAA must only be manufactured from non-hazardous IBA.
- The IBAA must be manufactured in accordance with the relevant aggregates standards and specifications.
- The total area of IBAA placement in any single project must be less than 5000m² with an average thickness of less than 1m.
- The IBAA must not be placed directly into groundwater or within 1m of the water table.
- The IBAA must not be stored or used within 50 metres of surface water.
- The IBAA must not be stored at the place of final use for longer than 6 months.



Taking delivery on site

Prior to taking delivery of IBAA the supplier must provide us with a statement confirming that the material:

- meets the relevant standard for an end use specified in this position statement and;
- has been supplied only for that use.

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Record keeping

If using IBAA sites must keep records of the following information and make them available for inspection by SEPA on request;

- Name and location of the project to which IBAA has been supplied / used
- Date of supply / use
- Quantity of IBAA supplied / use

Discovery of unknown IBAA

Where IBAA is identified as part of excavations, it must stored and managed separately from other excavation wastes. Any further use must either be in accordance with this guidance or in accordance with waste management licencing legislation.

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