

REACH & Recycled Aggregates – Simplified Guidance

Where aggregates are recovered from waste, e.g., from demolition, and are processed such that they cease to be waste, pre-registration of certain materials is required to cover this under REACH. This has arisen due to an interpretation, made by the European Commission, of REACH and its interaction with the Waste Framework Directive. In the longer term, a solution is expected which would mean that recovered aggregate producers do not need to take further action under REACH.

Under REACH the best way to proceed is to treat recovered aggregates as a mixture of different substances: natural stone, glass, asphalt (road material), brick and/or tiles etc and concrete. The stone and glass are exempt from registration under REACH and for the remainder, three or four substances need to be pre-registered.

These substances are

Substance name	Component of aggregate	EC number	Comments
Asphalt	Bitumen binder in road surfacing sourced materials	232-490-9	Required if, for example, road planings are included in your aggregates.
Pitch	Bitumen binder in older road surfacing sourced material	263-072-4	To be pre-registered if it is suspected that tar based binders are present in the bitumen.
Ceramics and wares	Clay based products such as bricks, tiles, etc	266-340-9	
Reaction product of cement clinker, calcium sulphate, water and either Ashes (residues) or Slags, ferrous metal, blast furnace	Cement based materials such as concrete	This does not have an EC number and should be pre-registered using the name given in this table	In REACH IT this is pre-registered using the option to use the chemical name.

For details of how to complete a pre-registration see the following:

<http://www.hse.gov.uk/reach/preregistration.htm>

<http://www.hse.gov.uk/reach/events/preregistration.pdf>

To begin, you will need to create a Company Identity in REACH IT and then pre-register each of the substances listed above. The substances should be entered individually (do not use the 'add another constituent' option).

The REACH-IT system can be accessed at

<https://reach-it.echa.europa.eu/reach/public/welcome.faces>