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## C4 – BS EN Standards

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Requirements for ready mixed concrete, mortar and cement are specified in a series of BS EN Standards that were introduced to comply with the EU Construction Products Directive.

Whilst the important characteristics of concrete, mortar and cement used in the UK have not changed, the new Standards describe them in a different way to established practice. Different test methods have also given different compliance criteria.

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### Ready-mixed concrete

Ready-mixed concrete is specified using:

BS EN 206-1	Concrete – Part 1: Specification, performance, production and conformity
BS 8500-1	Concrete – Complementary British Standards to BS EN 206-1 Part 1: Method for specifying and guidance for the specifier
BS 8500-2	Concrete - Complementary British Standards to BS EN 206-1 Part 2: Specification for constituent materials and concrete.

BS EN 206-1 and BS 8500 replaced all the parts of:

BS 5328	Concrete, Methods for specifying concrete mixes
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Further details can be found in the Topic page for: Ready-mixed concrete

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### Factory produced mortar

Factory produced mortar is specified using:

BS EN 998	Specification for mortar for masonry
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This BS EN Standard is published as two Parts:

BS EN 998-1	Part 1: Rendering and plastering mortar
BS EN 998-2	Part 2: Masonry mortar

Mortars used in floor screeds are specified in a separate Standard:

BS EN 13813	Screed material and floor screeds – properties and requirements
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Guidance on the use of BS EN 998-2 is published by BSI as:

PD 6678	Guide to the selection and specification of masonry mortar
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BS EN 998 replaced the established British (BS) Standard:

BS 4721	Specification for ready-mixed building mortar
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Further details can be found in the Topic page for: Factory produced mortar

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## Cement

Most cement used in the UK is specified in:

BS EN 197-1      Cement. Composition, specifications and conformity criteria for common cements

There is a separate Standard for cement used in masonry:

BS EN 413-1      Masonry cement. Composition, specifications and conformity criteria

In addition, some British (BS) Standards are still current for cements that are not covered by BS EN 197-1, notably:

BS 4027            Specification for sulfate-resisting Portland cement

Further details can be found in the Topic page for: Cements