

A6 – BS EN Standards

Requirements for aggregates 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 aggregates 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.

BSI has published guidance to explain how the BS EN Standards should be used in the UK. The BS EN Standards and associated guidance are:

BS EN Standard	Scope	Guidance
12620	Aggregates for concrete	PD 6682-1
13043	Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas	PD 6682-2
13055	Lightweight aggregates: Part 1 – Concrete, mortar and grout Part 2 – Other uses	PD6682-4 PD 6682-5
13139	Aggregates for mortar	PD 6682-3
13242	Aggregates for unbound and hydraulic bound materials for use in civil engineering work and road construction	PD 6682-6
13383	Armourstone (for hydraulic structures)	PD 6682-7
13450	Aggregates for railway ballast	PD 6682-8
13285	Unbound mixtures – specifications (subbase and capping)	SHW notes for guidance
932, 933, 1097, 1367, 1744	Test methods	PD 6682-9

The British (BS) Standards replaced by the BS EN Standards include:

BS Standard	Scope
63	Road aggregates (single sized)
812	Testing aggregates (some specialist parts remain in use)
882	Aggregates from natural sources for concrete
1047	Air-cooled blast furnace slag for use in construction
1165	Clinker and furnace bottom ash aggregates for concrete
1199 and 1200	Building sands from natural sources
3797	Lightweight aggregates for masonry units and structural concrete (including pulverised fuel ash)