

Possible applications →	Ready mix concrete								Manufacture of small concrete components					Manufacture of large-size components					Dry mortars					Linear structures					
	Massive structure	Thin-walled structures	Self-compacting concrete	Concrete of strength class ≤ 30/37	Concrete of strength class > 30/37	1) Piles, underground walls	Floors	Architectural concrete	Aerated concrete	Lost formwork	Curbs, paving, lintels,...	Roofing materials	Elements of small-scale architecture	Manufacture of bar components	Prestressed products	Production of flat components (for horizontal and vertical structures)	Fence components	Production of spatial components	1) Sewage concrete pipes	Walling mortar	Grouting mortar	Plaster mortar	Adhesive mortar	Floor mortars (screed)	Bridge constructions	Sprayed concrete	Stabilization of soils	Concrete pavements	Water structures
Type of cement ↓																													
CEM I 52,5 R		RU	RU	RU	RU			AU	AU	AU	RU	RU	AU	RU	RU	RU		RU	RU		RU		RU		AU	RU			
CEM I 42,5 R <sup>2)</sup>		RU	RU	RU	RU	AU	RU	RU	RU	RU	RU	AU	RU	RU	RU	RU	RU	RU	RU	AU	RU		RU	AU	RU	RU	RU		AU
CEM II/A-LL 42,5 R	AU	RU	RU	RU	RU	AU	RU	RU	AU	RU	RU	AU	RU	RU	AU	RU		RU	AU	RU	RU	AU	RU	RU	RU	RU	RU		RU
CEM II/B-M (S-LL) 42,5 N	RU	AU	RU	RU	AU	AU	RU	RU	AU	AU	AU		AU	AU		AU	AU	AU	AU	RU		AU		RU			RU		RU
CEM II/C-M (S-LL) 42,5 N	RU	AU	RU	RU	AU	AU	RU	RU	AU	AU	AU		AU			AU	AU	AU	AU	RU		AU		RU			RU		RU
CEM III/A 42,5 N	RU	AU	RU	RU	RU	RU	RU	RU		AU	AU		AU				RU		AU	RU		AU		RU			RU		RU

The listed applications for each type of cement are for information only and may vary according to the specific conditions for the intended use.

RU recommended use      AU acceptable use (conditional use)

<sup>1)</sup> the usability of cement is determined by the exposure classes (XA1, XA2, XA3)

<sup>2)</sup> if the requirement for Na<sub>2</sub>O<sub>eq.</sub> content of max. 0.8% in cement, it is necessary to use cement CEM I 42.5 R (na)

CEM I 52,5 R and CEM I 42,5 R ...Portland cement according to EN 197-1, strength classes 52.5 and 42.5 with high initial strengths

CEM II/A-LL 42,5 R ... Portland cement with limestone according to EN 197-1 containing between 6% and 20% by weight of limestone ( LL) with a TOC content not exceeding 0.20% by weight, strength class 42.5 with high initial strengths  
 CEM II/B-M (S-LL) 42,5 N...Portland blended cement according to EN 197-1 containing between 21% and 35% by weight of blast furnace slag (S) and limestone ( LL) with a TOC content not exceeding 0.20% by weight, strength class 42.5 with normal initial strengths

CEM II/C-M (S-LL) 42,5 N...Portland blended cement according to EN 197-5 containing between 36% and 50% by weight of blast furnace slag (S) and limestone ( LL) with a TOC content not exceeding 0.20% by weight, strength class 42.5 with normal initial strengths

CEM III/A 42,5 N ... blast furnace cement according to EN 197-1 containing between 36% and 65% blast furnace slag, strength class 42.5 with normal initial strengths