

ClassicCEM

professional cement with excellent workability 42.5 N

High strength cement for versatile use, with very good processability and volume stability, designed for all types concrete and mortar. Also suitable for concrete works where required high end strength and higher structural load capacity.

Characteristics

CEM II/B-S 42.5N is a cement made by finely grinding Portland clinker, granulated blast furnace slag (21-35% according to EN 197-1) and gypsum. It achieves a 2-day strength in the range from 17 to 24 MPa and normalized 28-day strengths of 47 to 55 MPa.

Usage

- plain concrete and reinforced concrete and higher strength classes
- concrete surfaces
- base concrete
- production of small visual elements (concrete fences)
- concrete and concrete elements subjected to mechanical loading
- cement screeds, plasters and mortars

Advantages

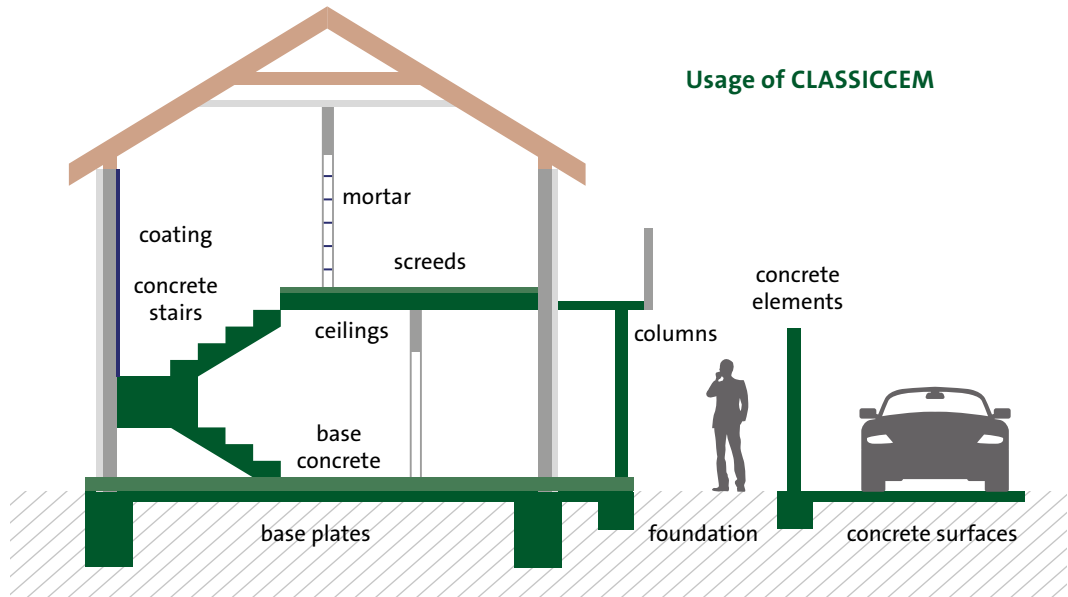
- high end strength
- very good workability makes it suitable for the production of pottery and plasters and allows longer handling during concrete storage
- due to extraordinary plasticity and good pumpability, it is suitable for machine processing (machine screeds and plasters) is resistant to a slightly aggressive environment

for all types of concrete and mortar with year-round use



Cement meets the requirements. no. 275/2004 Coll. with a reduced Cr6 content. The quality of cement is supervised by TSÚS (Building Testing and Research Institute), Bratislava. CEMMAC is a holder of an ISO 9001: 2008 quality management certificate and an ISO 14001:2004 environmental management certificate.

Essential Properties	Harmonized Standard STN EN 197-1: 2011	CEMMAC CLASSICCEM
2-day compressive strength (MPa)	≥ 10	17 – 23
28-day compressive strength (MPa)	≥42,5 ≤ 62,5	47 – 55
Initial setting time (min)	≥ 60	190 – 250



Usage of CLASSICCEM