

White portland cement strength class of 52.5 N

White portland cement strength class of 52.5 N with a guaranteed minimum strength of 52.5 MPa after 28 days and minimum initial strength of 20.0 MPa after 2 days. White portland cement opens new dimensions in design and construction, with excellent quality, high strength, and aesthetic appearance.

Advantages:

- due to lower development of hydration heat, suitable for summer use
- minimal change in volume
- excellent compatibility with plastification admixtures
- top quality and high durability
- easy to colour with pigments, appropriate for white or coloured concrete, plaster, or mortar
- enables saturated colours and fine surface textures
- high strength and unlimited formability
- universal use

Applications:

- dry construction mixtures
- interlocking pavers and patio pavers
- precast concrete products
- white and coloured concrete
- garden architecture elements
- chemical building products
- products in combination with grey cement

Manufacturer:

- Danucem Slovensko a.s. Plant Rohoznik

Shipping options:

- bulk in tanker trucks • dispatched from: Rohožník Plant

Product marking	Product name	Clinker	Additives
CEM I 52.5 N	White Portland	95-100 %	0 - 5 %

CEM I 52.5 N white complies with EN 197-1:2011. TSÚS Bratislava supervises the production.

Danucem Slovensko a.s. has established a quality management system according to EN ISO 9001:2015 and an environmental management system according to the EN ISO 14001:2015.

Technical parameters CEM I 52.5 N WHITE

Parameter	Test method	EN 197-1: 2011	Typical value
SO ₃ content (% wt.)	EN 196-2	≤ 4.0	2.7
Cl ⁻ content (% wt.)	EN 196-2	≤ 0.1	0.01
Volume stability (mm)	EN 196-3	≤ 10	0.5
Setting time (min.)	EN 196-3	≥ 45	125
Compressive strength in 2 days (MPa)	EN 196-1	≥ 20.0	38.0
Compressive strength in 28 days (MPa)	EN 196-1	≥ 52.5	60.0

CEM I 52.5 N WHITE meets the requirements of Decree No. 275/2004 on Reduced Cr⁶⁺ Content.

The average values given in the Product Data Sheet are purely informative and may differ from specific samples.



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