

White Blast Furnace Portland-slag cement strength class of 42.5 N

White blast furnace cement strength class of 42.5 R with a guaranteed minimum strength of 42.5 MPa after 28 days and minimum initial strength of 10.0 MPa after 2 days. The white Portland cement opens new dimensions in design and construction, excellent quality, high strength, and aesthetic appearance.

Advantages:

- highest quality and high durability
- excellent functionality and unrivalled appearance
- for lowest development of hydration heat in our portfolio
- low changes in volume,
- excellent processability
- excellent compatibility with plastification admixtures
- possible to add pigments to concrete
- high final compressive strength, and high post strength development

Application field:

It is suggested primary to use in ready-mix concrete.

Manufacturer:

- Danucem Slovensko a.s. Plant Rohoznik

Shipping options:

- bulk in tanker trucks • dispatched from: Rohožník Plant

Product marking	Product name	Clinker	Blast Furnace Slag	Additives
CEM III/A 42.5 N	White Blast furnace cement	35 -64 %	36 - 65 %	0 - 5 %

CEM III/A 42.5 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 III/A 42.5 N white

Parameter	Test method	EN 197-1: 2011	Typical value
SO ₃ content (% wt.)	EN 196-2	≤ 4.0	2.0
Cl ⁻ content (% wt.)	EN 196-2	≤ 0.1	0.01
Volume stability (mm)	EN 196-3	≤ 10	0.8
Setting time (min.)	EN 196-3	≥ 60	150
Compressive strength in 2 days (MPa)	EN 196-1	≥ 10.0	23.0
Compressive strength in 28 days (MPa)	EN 196-1	≥ 42.5 ≤ 62.5	59.0
Whiteness (R _y %)	-	-	77 - 81

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

CEM III/A 42.5 N white meets the requirements of Decree No. 275/2004 on Reduced Cr⁶⁺ Content.



Contact:

For further information about sales or technical details contact, visit www.rohoznikwhite.com