



**ROHOŽNÍK
WHITE**

CEM II/B-S 42,5 R

White portland slag cement strength class of 42.5 R

White portland slag cement strength class of 42.5 R with a guaranteed minimum strength of 42.5 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:

- highest quality and high durability
- excellent functionality and unrivalled appearance
- due to lower development of hydration heat, suitable for summer use
- minimal change in volume
- excellent processability
- excellent compatibility with plastification admixtures
- easy colouring of concrete with pigments
- rapid increase in early strength
- high final compressive strength

Applications:

- white or coloured concrete
- especially suitable for exposed concrete and architectural concrete
- Ready Mix production, and production of transported concrete
- production of plain concrete of higher strength classes and reinforced concrete structures
- plaster and masonry mortar

Manufacturer:

- Danucem Slovensko a.s. Plant Rohožník

Shipping options:

- bulk in tanker trucks • dispatched from: Rohožník Plant

Product marking	Product name	Clinker	Blast Furnace Slag	Additives
CEM II/B-S 42.5 R	White portland slag cement	65 - 79 %	21 - 35 %	0 - 5 %

CEM II/B-S 42.5 R 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 II/B-S 42.5 R 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	≥ 60	140
Compressive strength in 2 days (MPa)	EN 196-1	≥ 20.0	29.0
Compressive strength in 28 days (MPa)	EN 196-1	≥ 42.5 ≤ 62.5	58.0

CEM II/B-S 42.5 R 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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