

TECHNICAL INSTRUCTION

Product: CEM II/B-M (P-S) 32,5R, Mixed Portland cement

Strength class: 32,5R according to norm EN 197-1:2011

Product description and application:

Composition: minimum 65% portland clinker, up to 35% mixed additive, a mixture of natural pozzolan (tuff- P) and slag (S), binding regulator (natural gypsum). It is used for concrete and mortar production for construction works in prescribed conditions for reinforced and unreinforced concrete elements of lower strength ranks. It is applied for construction of family houses especially for glazings and bases, foundations, bearing and nonbearing concrete structures. It is also used for road construction for making of stabilization layers.

Delivery, transport and storage

It is obligatory to transport the cement in the covered cargo area of the vehicle, protected from atmospheric agents (moisture). Store the bag with the product in a dry, weatherproof place, above ground on a pallet or other dry surface; stacking more than ten sacks in height is not recommended.




Best before

12 months from the date of packing printed on the bag, if conditions of transport and storage are met

Certificate of constancy of performance: Issued by Institut IGH d.d. Zagreb

Declaration of performance: 2477-CPR-2765-NC04-001 from 09/01/2020. Declaration of performance available at: www.nexe.hr/en / PRODUCTS&SERVICES/ Cement/ Declaration of performance CEM II/B-M(P-S) 32,5R (number: 2477-CPR-2765-NC04-001).

Instructions for use

				
		SAND (0-4 mm)	AGGREGATE (0-32 mm)	
Concrete for foundations	1	-	4	Optionally, depending on the moisture in the aggregate and the water-cement ratio
Glazes	1	3	-	
Cement spray	1	3	-	

Note: The ratios given above are for guidance only and do not replace the initial type testing of concrete, concrete structure project and the prescribed quality control of concrete. When dosing it is necessary to hold on to concrete structure project.

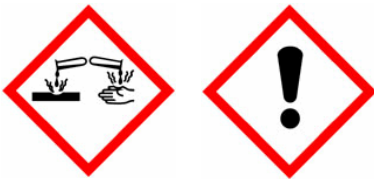
Characteristics:

Mechanical and physical properties:	CEM II/B-M (P-S) 32,5R	EN 197-1
Initial setting (min)	200	≥ 75
Soundness- Le Chatelier (mm)	0,4	≤ 10
Compressive strength after 2 days (MPa)	16	≥ 10,0
Compressive strength after 28 days (MPa)	42	≥ 32,5≤52,5
Chemical properties:		
SO ₃ (%)	3,2	≤ 3,5
Cl ⁻ (%)	0,009	≤ 0,10

Information regarding cement content and property values are characteristic and approximate.

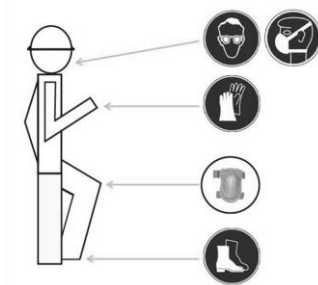


The packaging must be collected separately. Disposal into mixed municipal waste is prohibited.



DANGER

H318 Causes serious eye damage
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H335 May cause respiratory irritation
P102 Keep out of reach of children
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician
P302+P352+P333+P313: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention
P261+P304+P340+P312: Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P501 Dispose of contents/container according to national regulations.



The content of water-soluble chromium (VI) <2 ppm
A lowering agent of water-soluble chromium (VI) content was added to the cement.

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