

Holcim Polska S.A.
Kujawy Cement Plant
Technical Support

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Quality Certificate of cement

Type of cement : **CEM II/A-V 42,5R**

Requirements acc. to: EN 197-1:2011

Values obtained for the period of: **November 2025**

	Unit	Results	Requirements acc. to: EN 197-1:2011
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1.Properties (by standards)

Compressive strength			
Early strength, after 2 days	MPa	28,6	≥ 20
Standard strength, after 28 days (results from previous month)	MPa	58,2	$\geq 42,5$ i $\leq 62,5$
Initial setting time	min	200	≥ 60
Expansion of cement	mm	0,5	≤ 10
Sulfate content (as SO ₃)	%	2,93	$\leq 4,0$
Chloride content Cl ⁻	%	0,062	$\leq 0,10$
Insoluble residues ^{a)}	%	-	-

2. Additional information

Laser particle size distribution passing 8 µm/32 µm	%	33/79	-
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a)only for cements according to standard PN-B-19707:2013-10

Anna Kozłowska
Kierownik Jakości
Kozłowska
Cementownia Kujawy w Bielawach

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stamp/signature

Holcim Polska S.A.

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NIP: 526-10-60-765, REGON: 011843520
KRS: 0000062569 (Sąd Rejonowy w Kielcach X Wydział Gospodarczy KRS)
Kapitał akcyjny: 811.329.500 opłacony w pełni, nr rejestracyjny BDO 000001937

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