

Holcim Polska S.A.
Kujawy Cement Plant
Technical Support

tel.: (52) 58 65 000, fax: (52) 58 65 011
tel.: (41) 24 87 533, fax: (41) 24 87 531

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: **August 2026**

	Unit	Results	Requirements acc. to: EN 197-1:2011
--	------	---------	-------------------------------------

1.Properties (by standards)

Compressive strength			
Early strength, after 2 days	MPa	27,7	≥ 20
Standard strength, after 28 days (results from previous month)	MPa	55,9	$\geq 42,5$ i $\leq 62,5$
Initial setting time	min	185	≥ 60
Expansion of cement	mm	0,5	≤ 10
Sulfate content (as SO ₃)	%	3,10	$\leq 4,0$
Chloride content Cl ⁻	%	0,066	$\leq 0,10$
Insoluble residues ^{a)}	%	-	-

2. Additional information

Laser particle size distribution passing 8 µm/32 µm	%	34/78	-
--	---	-------	---

a) only for cements according to standard PN-B-19707:2013-10

Anna Kozłowska

Kierownik Jakości
Kozłowska
Cementownia Kujawy w Bielawach
.....
stamp/signature

Holcim Polska S.A.

ul. Warszawska 110, 28-366 Małogoszcz
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

www.holcim.pl