

dle EN 197-1

Do: **30.04.2025**

Datum	Měrný povrch	Normání konzistence	Počátek tuhnutí	Konec tuhnutí	Objemová stálost	Pevnost v tlaku		Pevnost v ohybu	
						2 dny	28 dní	2 dny	28 dní
Jednotka	[m²/kg]	[%]	[min]	[min]	[mm]	[MPa]	[MPa]	[MPa]	[MPa]
04.04.2025	337	27,8	247	321	1,0	22,6	58,5	4,8	8,7
10.04.2025	328	27,8	218	324	0,5	20,9	55,8	4,7	9,3
15.04.2025	330	28,2	257	342	1,0	22,6	58,8	5,0	9,1
17.04.2025	325	27,8	205	287	1,0	22,3	56,9	5,2	8,9
21.04.2025	323	27,6	217	310	1,0	19,7	55,6	4,2	9,6
22.04.2025	344	27,8	224	329	1,0	19,1	55,4	4,2	9,6
23.04.2025	325	27,8	183	272	0,5	20,0	55,6	4,2	9,4
24.04.2025	332	27,8	221	302	1,0	21,8	56,9	4,9	9,0
28.04.2025	309	28,4	186	349	0,5	20,3	55,0	4,4	9,1
29.04.2025	311	28,6	204	361	1,0	18,2	54,6	4,2	9,0
30.04.2025	311	28,4	217	331	1,0	18,9	54,2	4,2	8,9
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Průměr	325	28,0	216	321	0,9	20,6	56,1	4,6	9,1
Max	344	28,6	257	361	1,0	22,6	58,8	5,2	9,6
Min	309	27,6	183	272	0,5	18,2	54,2	4,2	8,7
Std	11	0,3	21	25	0,2	1,5	1,4	0,4	0,3
Četnost	11	11	11	11	11	11	11	11	11
Norma-min			60			10,0	42,5		
Norma-max					10		62,5		

Ing. Vojtěch Smutný - vedoucí útvaru řízení jakosti

  **Heidelberg
Materials**
Heidelberg Materials CZ, a.s.
Mokrá 359, 664 04 Mokrá-Horákov
IČ: 26209578, DIČ: CZ26209578

Statistické hodnocení kvality cementu
dle EN 197-1

Cement: CEM II/A-S 42,5 N (sc)
Závod: Mokrá

Období: Od: 01.04.2025
Do: 30.04.2025

Chemické vlastnosti

Datum	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O	Obsah síranů (jako SO ₃)	Na ₂ O ekv.	Obsah Cl	Ztráta žháním	Nerostupný zbytek	v. CaO	Vodorozpuštěný chrom (Cr ⁶⁺)	C ₃ A ve slínku
Jednotka	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[%]	[ppm]	[%]
04.04.2025	22,44	5,26	2,76	59,42	2,44	0,67	0,17	2,49	0,61	0,020	1,49	0,52	---	---	6,83
10.04.2025	22,55	5,33	2,79	59,86	2,50	0,68	0,17	2,55	0,62	0,019	---	---	---	---	6,83
15.04.2025	22,40	5,31	2,82	59,50	2,50	0,70	0,17	2,61	0,63	0,021	1,43	0,37	---	---	6,60
17.04.2025	22,44	5,31	2,77	59,55	2,52	0,69	0,17	2,56	0,62	0,019	---	---	---	---	6,60
21.04.2025	22,81	5,36	2,88	58,43	2,74	0,66	0,18	2,53	0,61	0,023	---	---	---	---	6,60
22.04.2025	22,58	5,33	2,88	58,45	2,70	0,68	0,18	2,61	0,63	0,023	---	---	---	---	6,60
23.04.2025	22,61	5,35	2,80	59,04	2,63	0,69	0,18	2,60	0,63	0,023	---	---	---	---	6,60
24.04.2025	22,54	5,30	2,77	59,31	2,49	0,69	0,17	2,53	0,62	0,020	---	---	---	---	6,60
28.04.2025	23,10	5,39	2,96	58,58	2,86	0,66	0,19	2,48	0,62	0,022	---	---	---	---	6,51
29.04.2025	23,10	5,39	2,95	58,49	2,85	0,66	0,19	2,48	0,62	0,021	---	---	---	---	6,51
30.04.2025	23,09	5,39	2,96	58,51	2,85	0,67	0,19	2,49	0,63	0,024	---	---	---	---	6,51
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Průměr	22,70	5,34	2,85	59,01	2,64	0,68	0,18	2,54	0,62	0,021	1,46	0,45	---	---	6,61
Max	23,10	5,39	2,96	59,86	2,86	0,70	0,19	2,61	0,63	0,024	1,49	0,52	---	---	6,83
Min	22,40	5,26	2,76	58,43	2,44	0,66	0,17	2,48	0,61	0,019	1,43	0,37	---	---	6,51
Std	0,27	0,04	0,08	0,51	0,16	0,01	0,01	0,05	0,01	0,002	0,03	0,07	---	---	0,11
Četnost	11	11	11	11	11	11	11	11	11	11	2	2	0	0	11
Norma-min															
Norma-max								4,0		0,10					