



**PORTLANDCEMENT
CEM II /B-M 32.5 R**

. Certificate of compliance №247 is valid until 28.05.2026

Parameters	EN 197-1	Actually
Cement Chemical make-up		
Heating dissipation	Not normalized	7.0 ÷ 10.0 % 22.0÷24.0%
SiO ₂	"	5.0÷7.0%
Al ₂ O ₃	"	2.0÷3.50%
Fe ₂ O ₃	"	50÷55.5%
CaO	"	1.0÷2.0%
MgO	No more than 5 %	2.3 – 3.5%
SO ₃	1 % – 3.5 %	
Clinker make-up		
C ₃ S	not normalized	59÷64%
C ₂ S	"	12 ÷15%
C ₄ AF	"	7÷9%
C ₃ A	"	8÷11%
MgO	No more than 5 %	1.0 ÷ 2.0%
Physical parameters		
Grinding rate (residue 008 on strainer)	No more than 15 %	0 %
Binding terms:		
Initial	No earlier than 75 min.	1.30 – 3.2 h.
End	No more than 10 h.	2.50 – 5.0 h.
Steady expansion	Must provide	Provides
Water consumption	Not normalized	32 – 33 %
Specific surface	Not normalized	4500÷4700cm ² /g
Breaking point		
Compressing:		
After 2 days	not normalized	18.0 – 19.0 Mpa
After 28 days	No less than 32.5 Mpa	39 – 41 Mpa

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