

MC 22.5X

Certificate of compliance № 203 is valid until 07.04.2026

Parameters	EN 413 - 1	Actually
Cement Chemical make-up		
Heating dissipation(LOI)	Not normalized	8.0 ÷ 12.0 %
SiO ₂	" "	26.0 ÷ 32.0%
Al ₂ O ₃	" "	6.0 ÷ 9.0%
Fe ₂ O ₃	" "	3.0 ÷ 5.0%
CaO	" "	36.0 ÷ 48.0%
MgO	No more than 5 %	0.0 ÷ 2.0%
SO ₃	1 % – 3.5 %	2.2-3.5%
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 5 %	0 – 1 %
Binding terms:		
Initial	No earlier than 75 min.	100-180 min
End	No more than 10 h.	180-370 min
Steady expansion	Must provide	Provides
Water consumption	Not normalized	30.0 – 33.0 %
Breaking point		
Compressing:		
After 2 days	not normalized	9 _ 13 Mpa
After 7 days	No less than 10 MPa	
After 28 days	No less than 22.5 Mpa	19.0-26.0 MMpa 31.0-36.0 -Mpa

Plant quality manager

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