



Kerman Momtazan Cement Co.

Head Office and Factory:

32nd km, Kerman-Rafsanjan Highway, Kerman, Iran
 Tel: +98 (34) 3337 0456 - 9 Fax: +98 (34) 3337 0563

Tehran Office:

4th Floor, No.26, West Baba Ali Khanei Alley, Southern Shiraz st., Hemmat (east) Highway
 Tel: +98 (21) 8861 6390 – 93 Fax: +98 (21) 8803 8659

Mailing Address:P.O.Box: 761351471, Kerman, Iran

Website: momtazacement.com **E-mail:** info@momtazacement.com

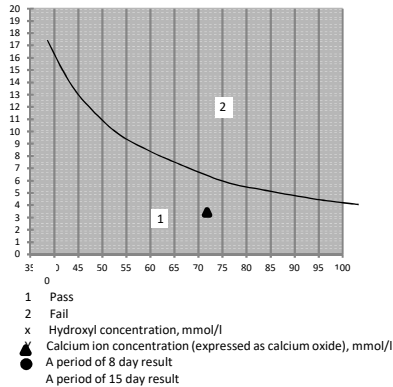
Doc No.: LA-F-027-03

Product Specifications

Portland Cement	Standard
CEM II / A-P 32.5 R	BS EN 197-1
Type IP (17)	ASTM C595
IPN (17)	INSO 23402

Cement Chemical Composition, %wt

Components	KMCC Range	Common Requirement, INSO 23402
MgO	2.0 Max	6.0 Max
SO ₃	3.0 Max	4.0 Max
Loss of Ignition (LOI)	2.5 Max	5.0 Max



Cement Physical and Mechanical Specifications

Specification Surface (Blaine), m ² /kg	330 Min	-
Residue on Sieve 45 micron mesh, %	20.0 Max	-
Density, gr/cm ³	3.10 Max	-
Autoclave Expansion, %	0.3 Max	0.8 Max
Autoclave contraction, max, %	-	0.2 Max
Soundness		
Le Chatelier Expansion, (mm)	2.0 Max	-
Initial Setting Time, minutes	100 Min	60 Min
Final Setting Time, minutes	220 Max	420 Max
Normal Consistency, %	28 Max	30 Max
Compressive Strength, MPa		
2 days	-	-
3 days	-	-
7 days	28.0 Min	16.0
28 days	39.0 Min	32.5 Min 52.5 Max

- Calculation of potential cement phase composition, statistical conformity criteria and uncertainties are according to ASTM & EN standards.

Q.C Manager:

