



PRODUCT DATA SHEET

Product	Portland Cement CEM I 42,5 R
Standard	EN 197-1 : 2000

Producer	AS Çimento Sanayi ve Ticaret Anonim Şirketi İçeriovaalan Mevkii, 15310 Bucak, Burdur, Turkey Tel : +90 248 331 30 00 Fax : +90 248 331 22 22 info@ascimento.com.tr
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Product Description	Portland cement is a hydraulic binder that reacts with water, produced clinker and natural gypsum as retarder.
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Using Area	Generally used in works requiring high strength values , dam and tunnel works, precast building, concrete works in low temperatures, and building chemicals manufacturing.
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Vessel	:
Port of discharge	:
Company	:
Shipper	:
Tonnage	:
Date of loading	:
Date of B/L	:

Chemical Properties (*)	As Cement Declaration	Standard	Unit
SiO ₂	20,05		%
Fe ₂ O ₃	3,71		%
Al ₂ O ₃	4,95		%
CaO	62,74		%
MgO	1,06	Max 5,0	%
SO ₃	2,68	Max 4,0	%
Loss On Ignition	2,33	Max 5,0	%
Insoluble Residue	0,56		%
Free Lime	0,95		%
Alkali Equivalent (Na ₂ O type)	0,67		%
Total Additive	3,83		%

Physical Properties (*)	As Cement Declaration	Standard	Unit
Setting Time (Initial)	170	Min 60	minute
Setting Time (Final)	280	-	minute
Spesific Gravity	3,144	-	g/cm ³
Expansion	1,0	Max 10	mm
Strenght for 2 days	27,0	Min 20	N/mm ²
Strenght for 28 days	51,5	42,5 - 62,5	N/mm ²

Delivery Type	Solid in 50 Kg 4 ply craft bag, in 1,5 tonnes Big-Bag or in bulk
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Quality Control System	Our product is certified by Tzus (Czech Republic) in market to use CE marking
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For More Information	quality@ascimento.com.tr sales@ascimento.com.tr	For Technical For Commercial
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