



SPA BISKRIA CIMENT



PRODUCT DATA SHEET

CEM II/B-L 32.5R PORTLAND CEMENT WITH LIMESTONE

Gray cement for construction, industrial and road civil engineering.

CEM II/B-L 32.5R:

Compliant with Algerian Standard (NA442-2013).



APPLICATION AREAS

A cement for all your work, it allows you to carry out all your house building phases and all masonry work, it is also recommended for the following uses:

- ▶ Banché Concrete.
- ▶ Concrete type C12/15.
- ▶ Masonry mortars.
- ▶ Soil stabilization.
- ▶ Road bases treated with cement.
- ▶ Pavements.



RECOMMENDED APPLICATIONS

- ▶ Individual repair work at home.
- ▶ Various masonry work.







A product in accordance with European Union standards and specifications. CE marking is a legal requirement for certain products on the EU market.



Product designed and manufactured under a Quality Management System certified ISO 9001 by AFAQ-AFNOR.



RECOMMENDED FORMULATION

	Cement 	Sand (dry) 0/5 	Gravel (dry) 8/15mm 15/25mm 	Water (litres) 
Concrete dosage	50k X1  +	X7  +	X5  + X4  +	25 L
	Cement 	Sand Corrector 0/1mm 	Sand (dry) 0/4mm 	Water (litres) 
Mortar for bricklaying	50k X1  +	X6  +	X9  +	35 L
Finishing mortar	50k X1  +	X9  +	X6  +	35 L

Note : one Drum =10 liters

TECHNICAL CHARACTERISTICS

Chemical analyzes (%)	value
Loss on ignition	10 – 15
Sulphate content (SO ₃)	2.2 – 3.0
Magnesium Oxide content (MgO)	1.7 – 2.8
Chloride content (Cl ⁻)	0.03 – 0.05
Potential composition of Clinker (According to Bogue) (%)	value
C3S	56 – 66
C2S	5.1 – 7.2
Physical properties	value
Normal consistency (%)	25.0 – 26.4
Hot expansion (mm)	0.0 – 1.0
Setting time (min)	value
Setting start	130 – 200
Setting end	220 – 290

Compressive strength	value
2 days (MPa)	10 – 24
28 days (MPa)	32.5 – 42.5



SAFETY INSTRUCTIONS

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Wear the appropriate equipment on your construction sites:



Helmet



Glasses



Gloves



Knee pads



Shoes



Clothes of security

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