

**IPCC Australia - Importing & Exporting**

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**Mark Wren (Director) Dennis Henry (Director)**

**Cement 42.5 N Type 1**

**Chemical Composition (Portland Cement 42.5n type 1)**

Silicon Dioxide (SiO <sub>2</sub> )	21.00
Aluminium Oxide (Al <sub>2</sub> O <sub>3</sub> )	5.30
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	3.30
Calcium Oxide (CaO)	65.60
Magnesium Oxide (MgO)	1.10
Sulphur Trioxide (SO <sub>3</sub> )	2.70
Loss of Ignition (LOI)	0.90
Tricalcium Silicate (C <sub>3</sub> S)	60.00
Dicalcium Silicate (C <sub>2</sub> S)	15.00
Tricalcium Aluminate (C <sub>3</sub> A)	8.05
Tricalcium Alumino Ferrite (C <sub>4</sub> AF)	9.76

**Physical and Mechanical Properties**

Blain CM <sub>2</sub> /GR	3.250
Autoclave Expansion	0.02
Initial Setting time (VICAT)	105 Minutes
Final Setting Time (VIACT)	135 Minutes
Compressive Strength @ 03 Days	230 KG/CM <sup>2</sup> AND @ 07 DAYS
	305 KG/CM <sup>2</sup> AND @ 28 Days 439 KG/CM <sup>2</sup>

**Cement:**

Country of Origin is Ukraine or Romania :  
42.5 N - Type 1  
Supplied in 50 kg Bags

Availability immediate.  
Good quality Cement.  
Specifications will always vary a small percentage Factory to Factory.

We can ONLY work 12 Month Contracts from this Manufacturer.  
50 kilogram Bags  
Supplied on Pallets  
Minimum buy is 12,500 M/T per Month.