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#### CORPORATE OFFICE

##### **Cement Industries of Malaysia Berhad**

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#### Marketed by:

##### **Negeri Sembilan Cement Industries Sdn Bhd**

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## BLUE LION OPC

ORDINARY PORTLAND CEMENT



Additional information is available at  
[www.cima.com.my](http://www.cima.com.my)







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**Cement Industries of Malaysia Berhad (CIMA)** is one of Malaysia's largest cement manufacturers and well known for producing and distributing high quality cement since 1975, ready - mixed concrete, aggregates & premix and related products.



## BLUE LION ORDINARY PORTLAND CEMENT

Ordinary Portland Cement (OPC) is the most common cement used in the construction industry throughout the world. However, to address the ever challenging construction industry, Cement Industries of Malaysia Berhad (CIMA) has formulated **Blue Lion OPC**. Made using carefully selected raw materials and strict manufacturing processes, CIMA strives to ensure that we serve you the best products for your construction needs.

**Specifications for BLUE LION OPC complies with MS EN 197-1:2014 CEM I 52.5 N**

### Applications

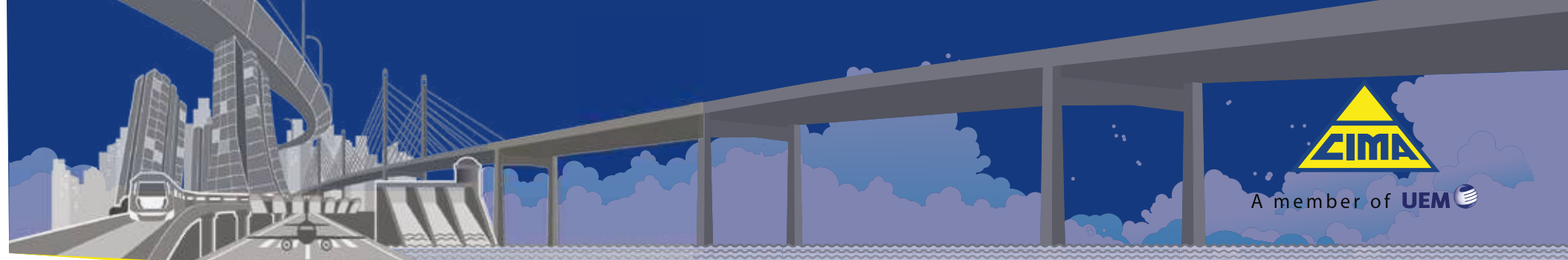
**Blue Lion OPC** is suitable for most types of construction including (but not limited to) building superstructures, infrastructures, bridges and piers, dams, pavements, pre-cast concrete structures and also wall finishes.

### Properties

**Blue Lion OPC** is produced under 52.5N strength class to ensure optimum strength with any type of construction. Strict material selection and processes are emphasized to ensure peace of mind throughout every stage of the building life cycle.



SIRIM  
MS EN 197-1 : 2014  
CERTIFICATION NO : PN006803



## Specification

PROPERTIES	UNIT	MS 197-1: 2014 CEM I	BLUE LION OPC TYPICAL*
CHEMICAL PROPERTIES			
Sulphur Trioxide (SO <sub>2</sub> )	(%)	3.5 max.	3.0
Chloride (Cl)	(%)	0.1 max.	0.01
PHYSICAL PROPERTIES			
Specific Surface by Blaine	(cm <sup>2</sup> /g)		4022
Setting Time by Vicat	Initial	(mins)	45 min .
	Final	(mins)	600 max .
Soundness	(mm)	10 max.	0.5
Compressive Strength (CEM I)	2 Days	(MPa)	10.0 min .
	28 Days	(MPa)	52.5 min.

\* Product specification is for CEM I 52.5N

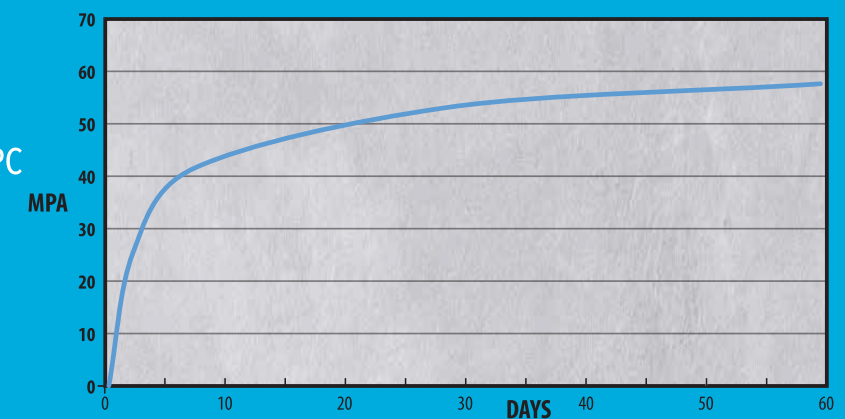
### Availability

**Blue Lion OPC** is produced by Negeri Sembilan Cement Industries (NSCI) Plant in Bukit Keteri, Perlis and is currently available in bulk delivery.

### Benefits

#### Superior strength

Typical strength result for Blue Lion OPC



### Compatibility with admixture

**Blue Lion OPC** is compatible with all admixtures that complies to ASTM C494M -2017 (Standard Specification for Chemical Admixtures for Concrete)

### Quality Assurance

- Our products undergo stringent quality control processes at every stage of the production to ensure that they are consistent in quality and satisfies our customers' needs.
- Our production facilities certified with ISO9001: 2015 and ISO 14001: 2015
- Our testing facilities are accredited with MS ISO/IEC 17025