



**TASEK**  
CORPORATION BERHAD

LEADING  
THE WAY ON  
SOLID FOUNDATION



**TASEK CEMENT**



Tasek's OPC is reputed for its strength and durability and thus has been used in many well-known high-rise (buildings), long span (bridges and flyovers), bulk (floating foundations and dams) and other structures in Malaysia. It is also a favoured brand for brick-layering.

Tasek's MC is very workable and gives a smooth finish and thus it's one of desired brand for plastering of walls, etc.



# PRODUCT

Tasek Corporation Berhad currently manufactures and sells two types of cement under its crocodile brand, "CAP BUAYA". The two types of cement are Ordinary Portland Cement (OPC) sold in bulk and bagged form and Masonry Cement (MC) sold in bagged form.

# SPECIFICATIONS

## CHEMICAL

PROPERTIES	TYPICAL RESULTS	MS 522:1989 REQUIREMENTS
• Silicon dioxide, SiO <sub>2</sub>	% 20.27	-
• Aluminium oxide, Al <sub>2</sub> O <sub>3</sub>	% 5.54	-
• Ferric oxide, Fe <sub>2</sub> O <sub>3</sub>	% 3.42	-
• Calcium oxide, CaO	% 64.07	-
• Magnesium oxide, MgO	% 2.89	5 Max
• Sulphuric anhydride, SO <sub>3</sub>	%	
when C <sub>3</sub> A is more than 5%	% 2.32	3 Max
when C <sub>3</sub> A is 5% or less		-
• Loss on ignition, LOI	% 1.16	5 Max
• Insoluble residue, IR	% 0.12	5 Max
• Tricalcium dilicate, C <sub>3</sub> S	% 57.98	-
• Tricalcium aluminate, C <sub>3</sub> A	% 8.90	-
• Lime Saturation Factor, LSF	% 0.952	0.66 - 1.02

## PHYSICAL

PROPERTIES	TYPICAL RESULTS	MS 522:1989 REQUIREMENTS
• Fineness, specific surface by Blaine	m <sup>2</sup> /kg 334	225 Min
• Setting time by Vicat test		
Initial set	mins 95	45 Min
Final set	mins 127	600 Max
• Soundness by Le'Chatelier test	mm 1.3	10 Max
• Compressive strength mortar cubes		
3 days	N/mm <sup>2</sup> 34.1	23 Min
7 days	N/mm <sup>2</sup> 47	
28 days	N/mm <sup>2</sup>	41Min

# 1997

Obtained ISO/IEC Guide 25 Lab Accreditation from Jabatan Standard Malaysia (DSM).



ISO/IEC GUIDE 62 : 1996  
Accreditation No:  
QS 02121999 CB 01



# 2000

With the rehabilitation of one of our kilns, the annual clinker production capacity was increased to 2.3 million metric tonnes.

# 2001

Achieved MS ISO 9002 : 1994 standard.



SIRIM  
CERTIFIED TO MS ISO 9002  
Registration No : AR 0680

# 2002

Upgraded ISO/IEC Guide 25 Lab Accreditation to ISO/IEC 17025 Lab Accreditation by Jabatan Standard Malaysia (DSM).



ISO/IEC 17025



**TASEK**  
CORPORATION BERHAD  
(4698-W)



**IPOH**

Tasek Corporation Berhad  
5, Persiaran Tasek  
Tasek Industrial Estate  
31400 Ipoh, Perak  
Tel: (605) 291 1011  
Fax: (605) 291 9932

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**SUNGAI BULOH**

Tasek Corporation Berhad  
Lot 1552, Kg. Jaya Industrial Area  
off Jalan Hospital  
47000 Sungai Buloh  
Selangor, Malaysia  
Tel: (603) 6156 6818  
Fax: (603) 6156 6828

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**LUMUT**

Lot 59, Kg Aceh Industrial Area  
32000 Sri Manjung  
Perak Malaysia

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[www.tasekcement.com](http://www.tasekcement.com)