



A member of UEM

Build with Confidence. Build with CIMA.

We are here to support you



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MS 194 1997-2018
CERTIFICATION NO. PC006086



Visit Our Website:
www.cima.com.my

Crete

with Innovation and

Sustainability

NS Optimo

Building the Future

BENEFITS

1:1 SUBSTITUTION

Can be used as a one-to-one substitution for OPC

COMPARABLE PERFORMANCE TO OPC

The product's performance is comparable to OPC in terms of compressive strength, workability, finishability and durability.

ENVIRONMENTALLY RESPONSIBLE

You will be using a proven product with up to 10% less embodied CO₂

INTRODUCING MALAYSIA'S FIRST

**52.5N GRADE PORTLAND LIMESTONE CEMENT (PLC)
NS OPTIMOCRETE CEM II/A-L 52.5N
OFFERS THE SAME OUTSTANDING PERFORMANCE AS OPC,
BUT WITH A SIGNIFICANTLY LOWER CARBON FOOTPRINT.**

This innovative product is engineered with the addition of raw limestone, effectively reducing carbon emissions while ensuring that the exceptional quality and durability you expect remains intact.



Reduce Carbon Emissions



Conserve Natural Resources



Align To Global Sustainability Goals



Excellent 52.5N Performance

SPECIFICATIONS

SPECIFICATIONS	UNIT	CEM II/A-L 52.5N
Sulfate, SO ₃	(%)	4.0 Max.
Chloride	(%)	0.1 Max.
Setting time, initial	(mins)	45 Min.
Soundness	(mm)	10.0 Max.
Compressive strength, 2 Days	(MPa)	20.0 Min.
Compressive strength, 28 Days	(MPa)	52.5 Min.



MEETS SPECIFICATIONS

PLC has been successfully utilised worldwide for over 50 years, with its performance rigorously validated over the past 2 years in local applications.



TESTED & APPROVED

Fully compliant with industry standards, this product meets both national and international specifications, including MS EN 197-1 CEM II/A-L 52.5N

