

D-Carb®



CO₂ REDUCED WHITE CEMENT

CEM II/A-LL 52.5N

ASIA PACIFIC REGION

D-Carb, a new umbrella brand by Cementir, offering a range of lower carbon white cement aimed at supporting decarbonisation across the industry. CEM II/A-LL 52.5N variant is produced in Malaysia and available across APAC region.



AALBORG WHITE®

WHY CHOOSE D-Carb?



12% Lower CO₂ Emissions

D-Carb reduces emissions by 12% through an optimized clinker and limestone system with a fit-for-purpose grinding aids, lowering its carbon footprint.



Sound Product

Design based on an optimized clinker and limestone system with a fit-for-purpose grinding aids, leveraging on Cementir Group R&D expertise in white cement.



Suitable Performances

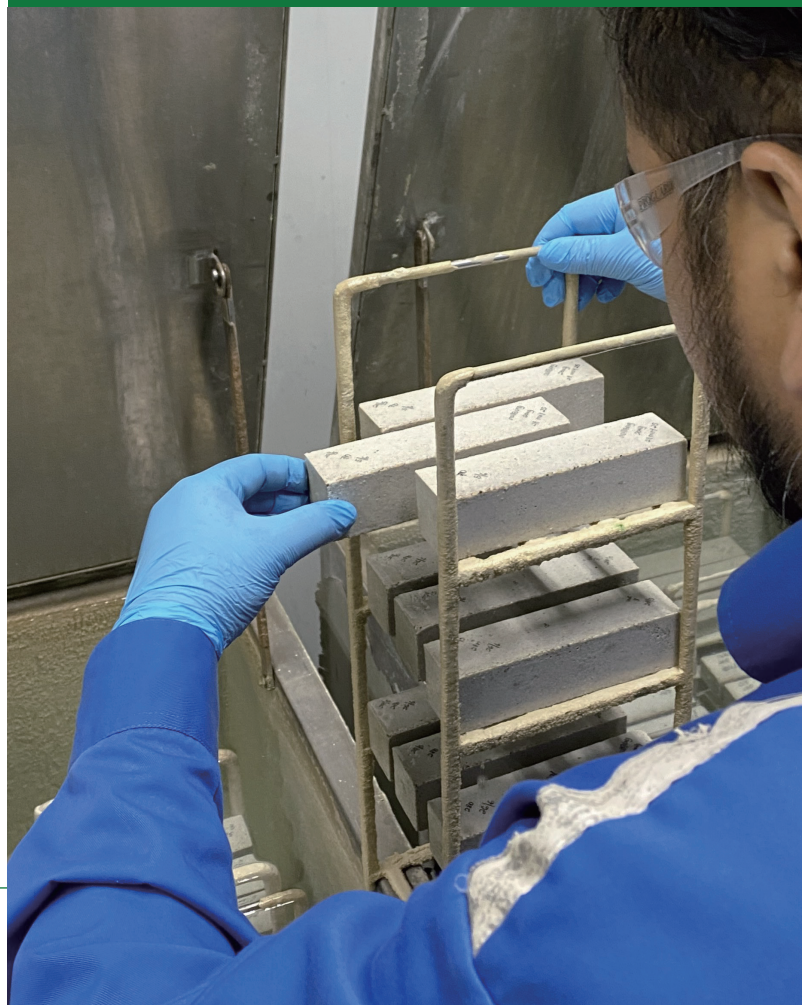
D-Carb made in Malaysia offers a lower-carbon footprint while maintaining consistent, high strength performance and exceptional whiteness.

HIGH PERFORMANCE, LOWER CO₂ FOOTPRINT.

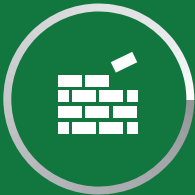
**Compared to AALBORG WHITE CEM I 52.5 N*

D-Carb, a CO₂ reduced white cement, seamlessly facilitates the transition for industrial users towards more sustainable finished products while maintaining high standard of performance similar to Aalborg White CEM I 52.5N at early ages. It reduces CO₂ footprint by 12% compared to Aalborg White® CEM I 52.5N, offering stakeholders in the value chain a low-carbon building material solution aligned with sustainable building certifications.

With its high standards of performances and improved rheology, D-Carb enhances architecture aesthetics, particularly suitable for wet casting concrete with smooth surface and intricate finishes. Additionally, its high early strength allows for meeting tight construction timelines.



FEATURES AND BENEFITS



Smoothly transition to a more sustainable product

- Maintain high standard of strength performances of Aalborg White® CEM I 52.5N at early ages
- High whiteness through meticulous selection of pure, light and readily available limestones.
- Designed for enhancing rheologys to fit for smooth surface and complex finishes.
- Low alkali and chloride content.



Lowering carbon footprint of white cement finished products

- Lower-carbon white cement with 12% less CO₂ emissions compared to Aalborg White® CEM I 52.5N.
- Optimizing white clinker and high-quality limestones relative contents in the cement, by leveraging on fit-for-purpose grinding aid.



Deliver lower-carbon footprint material solutions aligned with sustainable building certifications.

- The versatility of D-carb white cement enables it to achieve sustainable solutions across a wide range of finished products, including architecture concrete, decorative and functional dry mix mortar, paving and masonry tiles, cast-in-situ concrete and more.

PRODUCT OVERVIEW



The cement conforms to national / regional standards in the market served.

AALBORG WHITE D-Carb® CEM II/A-LL 52.5N.

Typical Production Value

Physical Properties	Strength(MPa)	2 days	>31
		28 days	>55
	Initial Setting time	Mins	>155
	Whiteness	Hunter L	>91.5%
	Fineness	cm ² /g	<7.0%



Available Markets

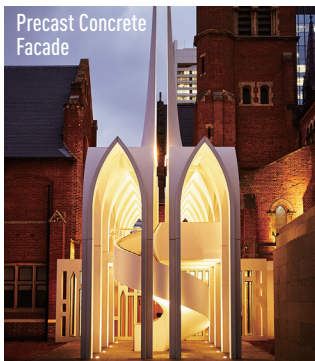
- Available in Australia and other APAC markets (exc. China)

Packages

- 20kg bags
- 40kg bags
- Jumbo bags

APPLICATIONS

Suitable for all the industrial applications and specifically for wet cast concrete, semi-dry cast concrete, dry mix products, cast-in-situ concrete and special applications including traditional and innovative technologies.



CONTACTS:

For technical matters and commercial inquiries related to the product, [click](#) or scan the QR Code to contact sales in your region.



Contact sales team of Aalborg Portland Australia



For more information click or scan the QR Code to visit the [D-Carb website](#).



MADE IN MALAYSIA:

Aalborg Portland Malaysia Sdn. Bhd.
Lot 75244, Pinji Estate,
P.O. Box 428, 30750 Ipoh,
Perak, Malaysia

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