

# D-Carb®



## LOWER CO<sub>2</sub> WHITE CEMENT

*CEM II/A-LL 52.5N*

**ASIA PACIFIC REGION**

*D-Carb® is 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 CO<sub>2</sub> 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

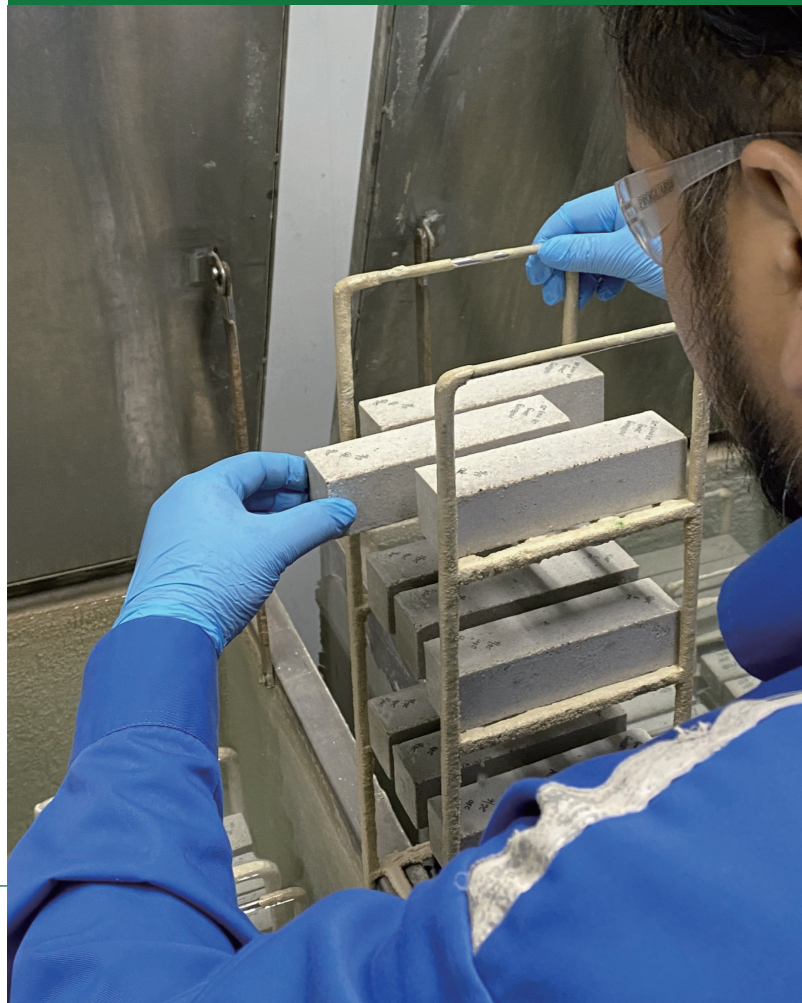
D-Carb® made in Malaysia offers a lower-carbon footprint while maintaining consistent, high strength performance and exceptional whiteness.

# HIGH PERFORMANCE, LOWER CO<sub>2</sub> FOOTPRINT.

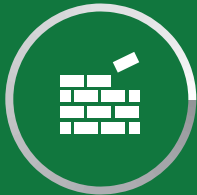
*\*Compared to AALBORG WHITE CEM I 52.5 N*

D-Carb®, a CO<sub>2</sub> 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 CO<sub>2</sub> 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 to enhance mix rheology 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 CO<sub>2</sub> emissions compared to Aalborg White® CEM I 52.5N.
- Optimizing white clinker and high-quality limestones relative contents in the cement, by leveraging a 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 52.5 N

## 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 <sup>2</sup> /g	4300



## Available Markets

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

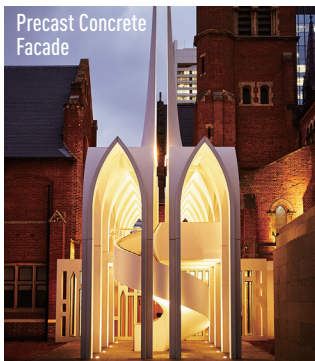
## Packages

- Australia: 20kg bags, Jumbo bags, Bulk Tankers
- Other Markets in the APAC Region: 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:

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Perak, Malaysia

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