

DIBOND®

mission™
TOGETHER. RESPONSIBLE.

FIVE-DOT-MISSION



Decorative Building Products

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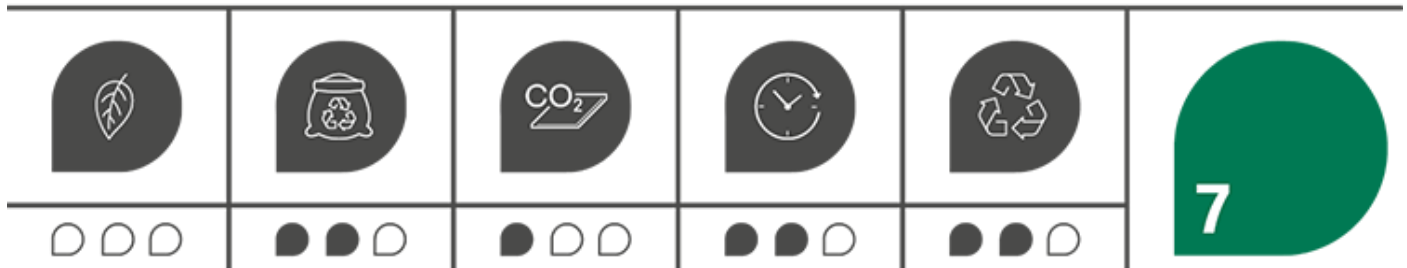
DIBOND®

DIBOND® is distributed exclusively in Australia by HVG Decorative Building Products a part of the HVG group of companies. HVG is 100% Australian owned. The following five dot mission was developed by 3A Composite, DIBOND's parent company in Germany, discover more here: www.display.3acomposites.com.

DIBOND® FIVE-DOT-MISSION

DIBOND®, the original aluminium composite panel for the visual communication market, has been assessed in line with our **MISSION: TOGETHER. RESPONSIBLE.** The product currently achieves a FIVE-DOT classification with a total of 7 points.

DIBOND®



RECYCLED CONTENT

We have already completely replaced virgin materials in the core of our DIBOND® panels with recycled LDPE, and this means we are able to make an important contribution to closed-loop recycling. By using recycled core material, approximately 6,700 metric tons of LDPE virgin material can be saved every year. We work with selected European suppliers to source recycled LDPE of a consistently high quality. Continuous quality assurance is an essential part of this process for us. What is more, all DIBOND® panels comply with the requirements in the current version of the REACH & RoHS directives. Not only is DIBOND® core material recycled, the aluminium used in our aluminium cover sheets is also in part recycled. Aluminium is one of the materials best suited to recycling because regardless of how often it is recycled, there are no detrimental effects on its material properties. We intend to increase the proportion of recycled aluminium in our cover sheets in the future.



FOSSIL CO₂ BOUND IN THE MATERIAL

As the production of aluminium and the core material polyethylene are energy-intensive, there is embedded fossil carbon in DIBOND®. Using recycled LDPE, has already significantly reduced the CO₂ footprint. Changing electricity generating methods for aluminium production is another means of reducing the amount of fossil carbon.



PRODUCT LIFE CYCLE

Our high-quality, durable DIBOND® panels are used for long-term indoor and outdoor applications. In terms of weather resistance, the full range of selection criteria advocate the use of DIBOND®. The panels are temperature resistant from -50°C to +80°C, waterproof and UV-resistant. The composite structure of a DIBOND® panel comprises aluminium cover sheets which are particularly corrosion resistant. Depending on where the panel is installed, customers report a service life of up to 20 years.



RECYCLABILITY

DIBOND® is completely recyclable, i.e. both the core material and the aluminium cover sheets are recycled and used to produce new material. The material can be separated by cutting it into small pieces using, e.g. granulators or shredders, and then sorting it by type for reuse or recycling. There are standard practices and specialised recycling companies for this purpose. In addition, we are engaged in setting up regional networks with trading partners and recycling companies to create recycling systems for aluminium composite panels. We launched the first pilot project in Switzerland in 2021. We are also a member of the A|U|F e.V., an association, which specialises in establishing a recycling network consisting of as many environmental and collection partners as possible in Germany. This is intended to facilitate the return of aluminium composite panels to the material cycle via short transport routes.

[View Mission Statement VIDEO here](#)



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HVG Building Pty Ltd

ACN: 649 379 993

ABN: 55 649 379 993

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