

Murdoch Square



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Project Overview

Murdoch Square

44 Barry Marshall Parade, Murdoch, WA 6150

Development Manager	Hesperia
Architect	Hassell
Builder	Multiplex
Applicator	Levent Painting

Range of products utilised



Works	Interior walls, doors, trims, windows and ceiling
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Background

Situated south of Perth’s CBD, the new circa \$450 million Murdoch Square is an expansive mixed-use development featuring a hotel, aged care, specialist medical suites, commercial offices, residential apartments, mental health facility, WA’s first ‘medihotel’ and a link bridge to the existing Fiona Stanley Hospital. As a commercial builder committed to sustainable practices, Multiplex partnered with Dulux and other suppliers to ensure the facility was on track to achieve a 5 Star Green Star rating.

The Green Building Council of Australia (GBCA) will evaluate the project under the Legacy Green Star Design & As Built v1.2 rating tool, which assesses sustainability outcomes across nine categories from the design and construction of new buildings. Dulux assisted with credits in the Indoor environment quality (IEQ) category thanks to the use of very low Volatile Organic Compounds (VOCs) paints such as Dulux enviro₂™, that enhance the comfort and wellbeing of occupants. Multiplex also showcased innovative solutions through the adoption of the Dulux Envirosolutions recovery program to improve waste management recycling processes by focusing on specific materials and their ongoing lifecycle.





Large-scale low VOCs coatings specification

With over 80,000sqm of gross floor area across five buildings, the volume of coatings was significant, with over 22,500 litres of paint required throughout the development's interiors. This represented an opportunity to make a positive environmental impact by ensuring low VOC products were applied.

Full Dulux range of paint to meet project needs

Rana Schuller, Dulux Specification Consultant WA recommended Dulux enviro₂™, Australia's most eco-certified paint. Dulux enviro₂™ which is certified by two of the most robust, trusted and globally recognised eco-certification programs, GlobalGreenTag™ and Declare. It also has an independently verified and registered Environmental Product Declaration (EPD).

The interior walls of the development were coated in a Dulux enviro₂™ system of Dulux enviro₂™ Arcylic Sealer Undercoat and topcoated in Dulux enviro₂™ Low Sheen, a premium acrylic paint that produces a washable, stain-resistant hard-wearing finish. The interior doors, windows and trims were coated in Dulux Aquanamel® Semi Gloss, which is both low VOC and low odour.

Hesperia and Multiplex were focused on environmental sustainability throughout this project, so choosing low VOC paints was the main consideration in the specification process.

Rana Schuller,
Dulux Specification
Consultant.





Sustainability is everyone's business.

Everything we do has an impact on people and our planet.

Whether it's choosing a safer paint, or recycling, every little bit makes a difference. At Dulux, our vision is to be the market leader in sustainability. From our products and our operations, we aim to minimise our environmental footprint in everything we do. Dulux Envirosolutions is a free (and unique) sustainability initiative for everyone.

Dulux Envirosolutions - an innovative recycling program

Multiplex quickly identified the multiple benefits of this sustainability initiative, which aims to reduce single-use plastics by collecting and recycling 15L plastic paint buckets, lids and tear strips and manufacturing them into recycled, Australian-made paint roller trays, stirrers or buckets.

The initiative gave the site team the opportunity to explore alternative sustainability opportunities for recycling and management of specific construction waste.

A designated Envirosolutions storage box was installed on site which enabled the painting contractor, Levent Painting to

dispose of the empty paint pails safely and securely to eliminate any issues with misuse or loss of buckets.

"We scanned the buckets coming in, and we scanned the buckets going out," Rana explains. "Overall, we collected 616 buckets, which represents 14.1 cubic metres saved from landfill, and \$3,100 saving in waste disposal costs.

"Multiplex could clearly demonstrate the volume of plastic they saved from landfill, showing the impact of the program in a tangible way."

Project Outcomes

Securing Green Star Building certification

Louise Reeve-Fowkes, Design Coordinator at Multiplex, worked closely with Rana to ensure all objectives were met as the project progressed.

“The specification of Dulux enviroO₂™ and the adoption of the Envirosolutions program had significant impact in our ability to target the 5 Star Green Star rating on this project.

We enjoyed working in partnership with the Dulux team and our subcontractor Levent on this sustainability initiative, with such a fantastic outcome shown through our bucket return count.” Louise reflects.

“The team at Multiplex are passionate, engaged and fantastic to work with,” Rana says. “We were all focused on the same goal, and we worked together to achieve it.”

Multiplex has since promoted the success of this project helping to educate the wider building industry on the impact and benefits of the Envirosolutions program.

Dulux is proud to be associated with the Murdoch Square project and help Multiplex achieve a 5 Star Green Star Rating



At Dulux, we leverage our deep expertise to support architects, interior designers, builders and engineers to design and build with confidence.

More than 100 years of experience and an unrelenting focus on quality and innovation allows us to back the experts with premium products, industry-leading service and trusted end-to-end advice.

“We’re here to help our partners to imagine and create better places and spaces to live, work and play.”

Peter Wood
Dulux Commercial Business Manager



Quality

Our products are formulated using advanced chemistry and science to deliver highly technical construction solutions that exceed expectations.



Transformation

Our coating solutions offer colours, patterns, textures and finishes that transform surfaces while providing long-lasting protection.



Reliability

Our solutions offer proven and reliable performance, giving you the confidence of straightforward application and a durable finish.



Expertise

Our responsive team provides specialist product support, technical assistance and expert problem solving when and how you need it.



Our Brands

Dulux's brands have been trusted for generations.



Dulux Interior and Exterior Paint

Dulux is Australia's most trusted paint brand*. From Wash&Wear® to Professional SteriGuard®, our high performance paints and coatings are tailored to meet the Australian market's unique needs. Dulux paints offer stand out results across an extensive range of more than 4,800 colours.

* Reader's Digest 2023



POWDER
COATINGS

Dulux Powder Coatings

Dulux offers a wide range of premium powder coatings in Australia and New Zealand. Our extensive range of standard and custom architectural coating solutions are backed by extensive testing that ensures exceptional product performance and durability.



PROTECTIVE
COATINGS

Dulux Protective Coatings

Dulux Protective Coatings offer high performance protection for metal and concrete assets including buildings, infrastructure, facilities, plant and equipment. Our tailor-made coatings and maintenance systems ensure your assets are effectively protected, even in the most demanding conditions.



AVISTA

Dulux Avista Concrete Coatings

Avista offers professional decorative concrete solutions for new and existing concrete areas. Suitable for indoor and outdoor applications, our decorative surface products add colour, texture and patterns to driveways and concrete spaces in commercial and residential projects.



AcraTex

Dulux Acratex Coatings and Cladding

Dulux Acratex provides high-build facade coating systems for residential and commercial projects. Designed with the Australian built environment in mind, Dulux Acratex render coatings and external cladding solutions add style, protection and durability to diverse construction and maintenance projects.



Fosroc Concrete Waterproofing and Repair Solutions

Fosroc delivers world-class solutions for a broad range of above or below ground construction and maintenance projects including waterproofing, concrete repair, grouts, sealants, protective coatings and industrial flooring.



Emer

Protecting Australian buildings for over 50 years, Emer offers complete waterproofing, decorative and protective coating system solutions.



Porter's Decorative Finishes

Porter's decorative finishes combine the latest technology with traditional methods and the finest raw materials to provide a superior finish. From modern paints to lime and cement-based products and reactive metallic finishes, our proprietary tinting system creates beautifully rich and unique colours.



Intergrain Timber Finishes

Intergrain's timber finishes are Australia's high performance woodcare products. Our range of premium stains, varnishes, clear finishes, oils, paints and polishes are easy to apply and deliver a professional finish that preserves, protects and enhances timber's natural beauty.



B&D Roller Doors

Since 1956, B&D has manufactured more than five million garage doors and grown into an iconic Australian brand. As respected specialists in garage door and shutter solutions, our innovative products and designs have had a profound impact on urban streetscapes worldwide.



Admil Sealants and Adhesives

Admil have a range of sealants and adhesives for the construction market including 100% silicone sealants, Industrial grade sealants, polyurethanes and construction sealants.



Lincoln Sentry Cabinetry and Hardware

One of Australia's leading suppliers and distributors of hardware and components to the cabinet and furniture making industry; the window, door and glazing industries and the niche industrial tape and insulation markets.



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