



**ENVIRONMENTAL
IMPACT AND
SUSTAINABILITY
STRATEGY**



**OUR ENVIRONMENTAL COMMITMENT
MAY 2023**



COMMITTED TO THE FUTURE

Penrite has committed to a more sustainable and environmentally conscious future.

Penrite is working hard on developing better practices to minimise their environmental footprint across all aspects of the business. They are heavily investing in more efficient use of water and electricity, waste reduction and recycling, solar electricity generation, and water catchment programs.

Penrite aims to increase their staff and customers' overall environmental awareness, innovation and leadership, with the ambition to be a net zero company by 2050.



ENVIRO BOX

Penrite’s award-winning ENVIRO BOX™, a bag-in-a-box concept for packaging and dispensing lubricant is another example of our commitment to environmentally conscious packaging. The introduction of the Australian Auto Aftermarket Association 2017 Most Innovative New Packaging Award Winner, the ENVIRO BOX™, has meant a reduction in the number of 20 litre HDPE packs that Penrite is putting into the landfill waste.

BENEFITS

- 85% reduction in landfill waste
- Can be used to hold and dispose of used oil
- Ease of disposal
- 100% cardboard recycling



RECYCLED PACKAGING

- As specified in a recent APCO report, Penrite's efforts to reduce its contribution of plastics to landfill has resulted in the removal of single use plastic filler nozzles from the 10L and 20L cube containers.
- Recycling programs have been established to save aluminum cans, paper recycling, and plastics such as drink bottles etc.
- Ongoing recycling program in place for printer consumables such as print ink and toner cartridges and recycled paper products.
- Penrite has developed a sustainability strategy utilising the Australian Packaging Covenant in relation to its packaging by using recycled plastic. They are committed to raising the percentage of recycled plastic that is used in assorted packaging across Penrite products. They are also moving away from PVC packaging and moving towards PET.
- Using 100% Recyclable Forest Stewardship Council (FSC) certified cardboard cartons for our 1L, 2.5L, 4L, 5L and 6L product ranges. The FSC Certification assures that our cardboard cartons are made with/or contains, forest-based materials from FSC-certified forests, recycled materials, and/or FSC controlled wood.



WAREHOUSE & PRODUCTION FOOTPRINT

Penrite has committed to a number of initiatives to contribute to the reduction of their carbon footprint;

- In striving towards zero-waste for both the warehouse and production, Penrite runs a Reconditioning Program for IBCs and 205L drums so that they can be reused.
- Reducing general waste footprint by engaging in a number of cardboard and plastic recycling programs, along with a pallet recycling program.
- Reusing left over liquid waste in chainsaw bar oil products or specialty bitumen carrier products used in road production or repair.



SOLAR INITIATIVE

Penrite Oil has further committed to reducing its environmental impact with the installation of a combined 145Kw, 310 panel system on their major site, with plans to roll this out across their company-owned sites in the near future.

By installing the 140Kw solar PV system Penrite can produce up to 35 times more solar power than an average Australian household enabling Penrite to power its entire Production Facility and significantly reducing its carbon footprint.



RAINWATER TANKS

Rainwater collected from the Dandenong South site is plumbed into the toilets on site, as well as the garden sprinklers. Penrite plans to roll this out throughout their multiple sites in the near future.

Total water collected to date is approximately 30,000 total litres.



SPILL KIT IMPLEMENTATION

Spill kit training has rolled out across the Penrite network of facilities to not only ensure the appropriate level of management is applied in the event of a spill but also to ensure that Penrite meets and maintains its environmental responsibility of preventing hydrocarbons from entering natural waterways and tables through its operations.

Additional spill management systems have been applied in all facilities, such as drain guards, drain wardens, and external dedicated spill kits.



CARPARK EVOLUTION

The rise in popularity and accessibility of Hybrid and Electric Vehicles (EV) is encouraging Penrite to advance their product technologies towards the changing market to meet demand in changing transportation landscape.

Supporting this advancement technology can lead to an increased fuel efficiency, reduction in carbon footprint, and increased service interval periods.



ENERGY CONSERVATION

Energy conscious LED hi bay lighting and sensors are currently installed throughout a number of Penrite sites, with a national roll out over all major sites is being scheduled.

GARDENS & LANDSCAPING

Penrite sites are planted with native bushland gardens to promote and support the local wildlife, and reduce watering and maintenance. Additionally, the garden is watered by sprinklers powered by the site's grey water collection facility.



STEPS FORWARD

- Roll out LED lighting, solar panel installation and water catchments at all major sites.
- Implement measures to achieve a zero waste workplace.
- Increase the percentage of recycled content in packaging of oil and lubricants.
- Greater involvement in conservation activities to invest in the environment, and further repairing and reducing the company's carbon footprint.
- Begin running community awareness programs that inform the public about the sustainability and environmentally consciousness of Penrite products to help them make more informed and environmentally responsible decisions regarding their product choices.



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