

Ductware Product Review – For Green Star

PRODUCT: General – Applies to all Ductware product

This product review is current at the time of issue. As Green Star is a constantly evolving and developing rating tool it will remain Ductware's responsibility to ensure that product information relating to Green Star is kept up to date. From time to time the Green Building Council of Australia issue an updated 'Technical Clarifications and CIR Rulings' document that provides clarifications, updates and modifications to the suite of Green Star rating tools. This update by the GBCA takes precedence over all existing printed Green Star rating tools – hence the 'rating tool system' comprises of the relevant Green Star Technical Manual AND the Technical Clarifications and CIR Rulings' document. This document can be found at <http://www.gbca.org.au/green-star/technical-clarifications-cir-rulings/>

GREEN STAR INFORMATION:

APPLICABLE CREDITS	REQUIREMENTS
Ene-1 Greenhouse Gas Emissions	<p>Reduce predicted Greenhouse Gas emissions of the building</p> <p>For all Green Star projects, the reduction in energy use (and therefore greenhouse emissions) is typically the ultimate target. At present the only mechanism by which HVAC air-flow efficiency is rewarded in Green Star is within the Ene-1/2 credits whereby projects receive points for reducing energy usage in building services and tenant equipment.</p>



Prepared by: Synergy Green Pty Ltd

Date: October 2009



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GREEN STAR INFORMATION:

APPLICABLE CREDITS	REQUIREMENTS
Mat-3 Reused Materials / Recycled Content & Re-used Products & Materials	Materials selected for base building or integrated fit-out works have post-consumer recycled content of at least 50%. Forecast: GBCA are currently developing an embodied energy calculation method to be included in future versions of Green Star. Consider investigating all products' embodied energy/carbon for future carbon accounting requirements.
Mat-7 Waste Management	At least 60% or 80% of all demolition and construction waste to be reused or recycled. This credit applies to ALL Green Star rating tools. The reuse/recycling target applies to ALL demolition and construction waste, right down to small components and packaging. Contractors are now regularly targeting 95% waste recycling for Green Star projects and are striving to reach 100%.
APPLICABLE CREDITS	REQUIREMENTS
IEQ-17 Air Supply Ductwork / Air Distribution System	Points are awarded where all ductwork has adequate maintenance access provided to both sides of moisture-and debris-generating components including cooling coils, heating coils, humidifiers and filters. All ductwork is clean, or has been cleaned in accordance with the National Air Duct Cleaners Association ACR 2006 Standard. <ul style="list-style-type: none"> Any product that facilitates easier / more effective / cheaper cleaning of ductwork would be seen as positive for Green Star projects, for new-builds and refurbishments. Any product that can be readily added to existing ductwork to facilitate the above would also be seen favourably. <p>This Green Star credit is not often targeted in Office Interiors projects due to the costs of ductwork cleaning – anything that can reduce these costs / reduce time needed will be positive.</p>



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