



DUCTWARE PRODUCT REVIEW - FOR GREEN STAR

PRODUCT: Neoprene Gasket and Ductmate Sticky Tape

Neoprene Gasket Tape is a synthetic closed cell rubber-based sealing tape.

Ductmate Sticky Tape is an adhesive tape.

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	PRODUCT REVIEW
<p>Contributes to: IEQ-8 Volatile Organic Compounds</p> <p>Applies to all Green Star rating tools.</p>	<p>Adhesives & Sealants; 95% of all adhesives & sealants must meet the TVOC Content Limits outlined in Table IEQ-13.2. (refer attached)</p> <p>In accordance with IEQ-8 TC No.13 tapes can be excluded from all VOC calculations.</p>	<p>Neoprene Gasket: does not need to comply with Green Star.</p> <p>Ductmate Sticky Tape: does not need to comply with Green Star.</p>
<p>Contributes to: Emi-4 Insulant ODP</p> <p>Applies to all Green Star rating tools.</p>	<p>ODP (Ozone Depleting Potential); All thermal insulants avoid the use of ozone-depleting substances in both manufacture and composition.</p>	<p>Neoprene Gasket: does not need to comply with Green Star.</p> <p>Ductmate Sticky Tape: does not need to comply with Green Star.</p>

GREEN STAR INFORMATION:

APPLICABLE CREDITS	REQUIREMENTS	PRODUCT REVIEW
<p>Contributes to: IEQ-17 Air Supply Ductwork / Air Distribution System</p> <p>Applies to: Healthcare v1 (1 point available) Office Interiors v1.1 (IEQ-13: 1 point available)</p>	<p>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.</p>	<p>Neoprene Gasket and Ductmate Sticky Tape: do not need to comply with Green Star, however they could be deemed 'contributory' to this Credit. Any product or mechanism that facilitates easier / cheaper cleaning of new or existing ductwork will be of benefit to Green Star projects.</p> <p>Of particular benefit to Office Interiors Green Star projects – new builds and refurbishments where ductwork is being modified.</p>
<p>Contributes to: Ene-1 Greenhouse Gas Emissions</p> <p>Applies to all Green Star rating tools.</p>	<p>Reduce predicted Greenhouse Gas emissions of the building</p>	<p>Contributory: Whilst a small component, air tightness/leakages or pressure drops in ductwork impacts on the energy required to move air around, which in turn impacts on the Ene-1 score. Ene-1 is a major consideration and focus in all Green Star projects.</p>



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