

# Emission Test Certificate

Friday, 20<sup>th</sup> May 2011

Supplier: MJS Underlays (35 Dividend St, Mansfield, QLD, 4122)

Sample Description: P7140, 7mm 140 Density Underlay

Date Tested: April 2011

Test Method: Carpet Institute of Australia Environmental Certification Scheme incorporating ISO 10580: "Resilient, Textile and Laminate Floor Coverings: Evaluation of Volatile Organic Compound Emissions".

Emission Data:

Carpet Institute of Australia Environmental Certification Scheme Specification	P7140
Total Volatile Organic Compound emission rate <500 ug/m <sup>2</sup> /hr	Total Volatile Organic Compound emission rate 371 ug/m <sup>2</sup> /hr
Emission Rate "Chemicals of Concern": Acetaldehyde <20 ug/m <sup>2</sup> /hr Benzene <55 ug/m <sup>2</sup> /hr Caprolactam <120 ug/m <sup>2</sup> /hr 2-Ethylhexanoic Acid <46 ug/m <sup>2</sup> /hr Formaldehyde <10 ug/m <sup>2</sup> /hr 1-Methyl-2-Pyrrolidinone <300 ug/m <sup>2</sup> /hr Naphthalene <20 ug/m <sup>2</sup> /hr Nonanal <24 ug/m <sup>2</sup> /hr Octanal <24 ug/m <sup>2</sup> /hr 4-Phenylcyclohexene <50 ug/m <sup>2</sup> /hr Styrene <410 ug/m <sup>2</sup> /hr Toluene <280 ug/m <sup>2</sup> /hr Vinyl Acetate <400 ug/m <sup>2</sup> /hr 2-Ethyl-1-Hexanol <50 ug/m <sup>2</sup> /hr Hydrocarbons (C <sub>10</sub> – C <sub>14</sub> ) <300 ug/m <sup>2</sup> /hr Vinyl Cyclohexene <85 ug/m <sup>2</sup> /hr Xylenes <50 ug/m <sup>2</sup> /hr	Emission Rate: 3 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr 7 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr 88 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr 283 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr <6 ug/m <sup>2</sup> /hr



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