

# Emission Test Certificate

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

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

Sample Description: DW890, 8mm 90 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	DW890
Total Volatile Organic Compound emission rate <500 ug/m <sup>2</sup> /hr	Total Volatile Organic Compound emission rate 13,134 ug/m <sup>2</sup> /hr
Emission Rate "Chemicals of Concern":	Emission Rate:
Acetaldehyde <20 ug/m <sup>2</sup> /hr	4 ug/m <sup>2</sup> /hr
Benzene <55 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Caprolactam <120 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
2-Ethylhexanoic Acid <46 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Formaldehyde <10 ug/m <sup>2</sup> /hr	39 ug/m <sup>2</sup> /hr
1-Methyl-2-Pyrrolidinone <300 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Naphthalene <20 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Nonanal <24 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Octanal <24 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
4-Phenylcyclohexene <50 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Styrene <410 ug/m <sup>2</sup> /hr	25 ug/m <sup>2</sup> /hr
Toluene <280 ug/m <sup>2</sup> /hr	12,683 ug/m <sup>2</sup> /hr
Vinyl Acetate <400 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
2-Ethyl-1-Hexanol <50 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Hydrocarbons (C <sub>10</sub> – C <sub>14</sub> ) <300 ug/m <sup>2</sup> /hr	427 ug/m <sup>2</sup> /hr
Vinyl Cyclohexene <85 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr
Xylenes <50 ug/m <sup>2</sup> /hr	<6 ug/m <sup>2</sup> /hr



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