

Emission Test Certificate

Tuesday June 24th, 2008

Supplier: Shiga TOLI Carpet (Abei 872, Hino-cho, Gamo-gun, Shiga prefecture Japan 529-1661))

Sample Description: GA Series modular carpet tile

Date Tested: May 2008

Test Method: Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers incorporating ASTM D5116-06 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products".

Emission Data:

New Zealand Ecolabelling Trust Synthetic Carpets (EC-33-08)	GA Series Modular Carpet Tile																																								
	Total Volatile Organic Compound emission rate 200 ug/m ² /hr																																								
<table> <tr><td>Formaldehyde</td><td>16 ug/m³</td></tr> <tr><td>Acetaldehyde</td><td>4.5 ug/m³</td></tr> <tr><td>Benzene</td><td>30 ug/m³</td></tr> <tr><td>Caprolactam</td><td>100 ug/m³</td></tr> <tr><td>2-Ethylhexanoic Acid</td><td>25 ug/m³</td></tr> <tr><td>1-Methyl-2-Pyrrolidinone</td><td>160 ug/m³</td></tr> <tr><td>Naphthalene</td><td>4.5 ug/m³</td></tr> <tr><td>Nonanal</td><td>13 ug/m³</td></tr> <tr><td>Octanal</td><td>7.2 ug/m³</td></tr> <tr><td>4-Phenylcyclohexene</td><td>2.5 ug/m³</td></tr> <tr><td>Styrene</td><td>220 ug/m³</td></tr> <tr><td>Toluene</td><td>150 ug/m³</td></tr> <tr><td>Vinyl Acetate</td><td>100 ug/m³</td></tr> </table>	Formaldehyde	16 ug/m ³	Acetaldehyde	4.5 ug/m ³	Benzene	30 ug/m ³	Caprolactam	100 ug/m ³	2-Ethylhexanoic Acid	25 ug/m ³	1-Methyl-2-Pyrrolidinone	160 ug/m ³	Naphthalene	4.5 ug/m ³	Nonanal	13 ug/m ³	Octanal	7.2 ug/m ³	4-Phenylcyclohexene	2.5 ug/m ³	Styrene	220 ug/m ³	Toluene	150 ug/m ³	Vinyl Acetate	100 ug/m ³	<p>Standard Room Airborne Concentration</p> <table> <tr><td><1 ug/m³</td></tr> <tr><td><1 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td><2 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> <tr><td>10 ug/m³</td></tr> <tr><td><3 ug/m³</td></tr> </table>	<1 ug/m ³	<1 ug/m ³	<3 ug/m ³	<3 ug/m ³	<3 ug/m ³	<3 ug/m ³	<3 ug/m ³	<3 ug/m ³	<3 ug/m ³	<3 ug/m ³	<2 ug/m ³	<3 ug/m ³	10 ug/m ³	<3 ug/m ³
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Dr. Vyt Garnys
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ACA, AIRAH, FMA
Managing Director and Principal Consultant

CV080512

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Sample Description: GX Series modular carpet tile

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