

701	Chapter 1: Materials and Resources
701.01	Thermal and Acoustical Insulation Materials
	<p>For all new buildings, insulation materials to be incorporated into the building must:</p> <ol style="list-style-type: none"> 1. Be manufactured without the use of Chlorofluorocarbons (CFC's); 2. Be non-toxic and not release toxic fumes during combustion; 3. Have 0.05 parts per million (ppm) or less of added formaldehyde 4. Have a Threshold Limit Value (TLV) of 0.1 or less of Individual Volatile Organic Compounds 5. Be fire resistant in accordance with the requirements of Dubai Civil Defence 6. Be accredited / certified from Dubai Central Lab 7. Achieve all the requirements of the approved specifications by Dubai Municipality <p>All thermal and acoustical insulation must be installed as per the manufacturer's instructions after approval from Dubai Municipality.</p>
701.02	Certified / Accredited Timber
	<p>For all new buildings, at least twenty five percent (25%) by volume of the timber and timber-based products used during construction and permanently installed in the building must be from certified / accredited sources approved by Dubai Municipality.</p>
701.03	Asbestos Containing Materials
	<p>For all new buildings and for the maintenance, addition or alteration of existing buildings, materials containing asbestos must not be used.</p>
701.04	Lead or Heavy Metals Containing Materials
	<p>For all new buildings and for the maintenance, addition or alteration of existing buildings, paints, or other materials, containing lead or other heavy metals with percentage more than the approved specifications by Dubai Municipality must not be used unless the metal is encapsulated in a system such as a photovoltaic cell.</p> <p>All paints and materials containing lead or other heavy metals must be accredited / certified from Dubai Central Lab or any source approved by Dubai Municipality.</p>

