



green building council australia  
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## PERFORMANCE CEILINGS

More scope for innovation



### Knauf AMF Performance Ceilings and Green Credentials

An outline of the environmental achievements of Knauf AMF Australia.



#### **Knauf AMF is a member of the Green Building Council of Australia.**

This ensures we are kept aligned with green industry movements and support environmentally friendly construction in Australia.

#### **Knauf AMF THERMATEX ceiling tiles can achieve Green Star Points.**

This includes the Acoustic and Health & Hygiene ranges.



#### **Knauf AMF is accredited under The Blue Angel eco-label.**

The first and best-known eco-label in the world since 1978, this is awarded to products that are certified environmentally friendly. Blue Angel is recognised by GEKA and applies to our THERMATEX range and THERMATEX Acoustic range.



#### **Knauf AMF products achieve international standards.**

- ✓ ISO 9001 Quality Assurance Standard
- ✓ ISO 14001 Environmental Management Standard



#### **Knauf AMF material is fully recyclable.**

Knauf AMF mineral ceilings contain up to 75% recycled material, our production process is also 'closed loop' meaning only water vapour is emitted to the environment during production.



#### **Knauf AMF products are rated as 'Suitable for indoor use',**

according to the Committee for Health-Related Evaluation of Building Products. AMF products with Cleanactive break down the concentration of Volatile Organic Compounds (VOC's).



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## Knauf AMF Performance Ceilings and Green Star Points\*

Based on Green Star Office Design v3 & Office As Built v3.

Green Star Category	Green Star Points	AMF Product Type	How the selected product may contribute
<b>Indoor Environmental Quality</b>	Daylight (3) Electric Lighting Levels (1)	AMF Thermmatex Ceiling Tiles	AMF Thermmatex ceiling tiles consistently achieve up to 88% Light Reflectance (LR). The result is a reduction in the quantity of fixtures and energy required to light a space, further improving the quality and level of natural light within a building.
	Internal Noise Levels (2)	AMF Thermmatex Acoustic, Thermmatex Alpha, Thermmatex dB Acoustic, Thermmatex Thermafon	AMF Thermmatex acoustic ranges of tiles boast high levels of sounds absorption and sound attenuation. These are stated respectively as NRC - Noise Reduction Coefficient (the reverberation time of a material) and dB - (the sound transmission of a material). Acoustic tiles allow the designer to isolate, enhance or reduce the effects of sound within a building.
	Volatile Organic Compounds (VOC) (3)	AMF Thermmatex with Cleanactive	Volatile organic compounds appear as formaldehyde, benzene, aromatic hydrocarbons (AHCs), chlorinated hydrocarbons (CHCs), dodecene and thrythylamine. AMF tiles with 'Cleanactive' break down the concentration of VOC's and eliminate bad odours.
	Formaldehyde Minimisation (1)	AMF Thermmatex with Cleanactive	'Cleanactive' from AMF reduces the concentration of harmful air-borne substances and including formaldehyde given off by furniture.
	Mould Prevention (1)	AMF Thermmatex with Hygena	AMF ceiling tiles with a 'Hygena' finish resist the spread of bacteria and fungi in an internal environment. The anti-microbial treatment of the tiles prevents contamination from occurring.
<b>Energy</b>	Lighting Power Density (3)	AMF Ceiling Tiles	Ceiling tiles with a high reflectance finish help to disperse and enhance natural light within a building environment. This in turn reduces the demand for powered light fixtures and thus the energy consumption of the building.
<b>Materials</b>	Shell and Core or Integrated Fit-out (2)	AMF Ventatec Click-System Ceiling Grid	AMF 'Ventatec' suspended ceiling grid with its unique Click-System simplifies the disassembly and assists in the reuse of the ceiling grid.

\*Subject to analysis and consent by an approved GreenStar accredited professional or similar approved professional.