

# PHONIC GYPSUM VINYL

## ACOUSTIC CEILING TILE



Impact Resistant



Hygiene



Fire Test Group-1S

### FEATURES

- The Phonic Gypsum Vinyl ceiling tile is a versatile, cost effective product that lends itself to a range of suspended ceiling applications. The tiles are supplied in a standard white finish, in a nominal size of 1200 x 600 x 9 mm.
- The durable and washable finish of the Vinyl Foil tiles means they are highly suitable for a multitude of commercial and hygiene applications such as Retail, Fast Food Outlets, Medical and Sports Facilities.
- The moderately embossed facing gives a crisp clean monolithic look which ensures excellent light reflectance.
- Foil backing balances the tile, enhancing its dimensional stability.

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<b>Sound absorption</b>	<b>Thickness</b> 9 mm	<b>HZ</b> $\alpha_p$	<b>125</b> 0.10	<b>250</b> 0.15	<b>500</b> 0.50	<b>1000</b> 0.50	<b>2000</b> 0.55	<b>4000</b> 0.70	$\alpha_w$ 0.45	<b>NRC</b> 0.45
*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption in a reverberation room. $\alpha_w$ calculated to ISO 11654 1997, NRC calculated to ASTM C423. Air gap type E-400.										
<b>Ceiling attenuation coefficient</b>	<b>Thickness</b> 9 mm	<b>CAC</b> <41								
*Calculated										
<b>Fire test</b>	<b>Thickness</b> 9 mm	<b>Class</b> Group 1-S								
*Tested to ISO 5660.1-2015 Reaction to fire tests – Heat release smoke production and mass loss rate part 1 (cone calorimeter). NZBC C/VM2 Appendix A.										
<b>Clean room</b>	<b>Thickness</b> 9 mm	<b>Class</b> 3								
*Tested to the principal requirements in accordance 14644.1:2015 and the tile meets Cleanroom Class 3										
<b>Sizes</b>	<b>Thickness</b> 9 mm	1200 x 600 mm								
<b>Weight</b>	7.1 kg/m <sup>2</sup>									
<b>Density</b>	790 kg/m <sup>3</sup>									
<b>Edge details</b>	Square edge									
<b>Light reflectance</b>	80% *Tested to ASTM E1477-98									
<b>Colour</b>	White									
<b>Thermal resistance</b>	0.225 m <sup>2</sup> K/W (calculated)									
<b>Warranty</b>	30 Year product warranty when installed in accordance with NZ1170.5									
<b>NZ Building Code</b>	Exceeds clause B2 - durability, 5 years									

\*Test reports available upon request

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