

## Martini MSB

- MSB is designed to increase the acoustic performance of partition walls and ceilings in commercial applications.
- Non-irritant and does not require any protective clothing or masks during installation.
- Available in standard white colour. Black or grey available upon request.

## Applications

MSB is ideal for use in plasterboard partition walls and suspended ceilings in offices and institutions such as education, healthcare and civic buildings. Installed in partition walls, MSB provides excellent sound transmission reduction and thermal performance, reducing heat transfer between rooms.

For specific acoustic applications refer to the Martini Acoustic Design Guide.

## Acoustic Performance

A performance increase of up to 9  $R_w$  points can be achieved with the inclusion of MSB in the wall cavity. An increase of one  $R_w$  point is equivalent to a reduction of one decibel in sound transmission. For more detailed information refer to the Martini Acoustic Design Guide.

Typical plasterboard wall system comprising 13mm standard plasterboard either side of steel studs at 64mm

MSB 2	MSB 3	MSB 4	MSB 5
$R_w$ 41, $R_w + C_{tr}$ 33	$R_w$ 41, $R_w + C_{tr}$ 33	$R_w$ 42*	$R_w$ 43*

Typical plasterboard wall system comprising 13mm fire rated plasterboard either side of steel studs at 64mm

MSB 2	MSB 3	MSB 4	MSB 5
$R_w$ 44, $R_w + C_{tr}$ 35	$R_w$ 44, $R_w + C_{tr}$ 35	$R_w$ 44*	$R_w$ 45*

\*Acoustic performance based on empirical data and expert opinions

## Thermal Performance

MSB 2	MSB 3	MSB 4	MSB 5	MSB 6
R 0.8*	R 1.0*	R 1.2*	R 1.4*	R 1.7*

\*Calculated value

## Environmental Benefits and Credentials

MSB is manufactured from thermally bonded polyester fibre with up to 80% recycled fibre content from post-consumer PET packaging, such as empty drink bottles.

- GreenTag<sup>Cert</sup>™ certified
- Environmental Product Declaration (EPD) Certified in accordance with ISO 14025
- Product Health Declaration (PHD) certified
- Suitable for Green Star™ projects
- No red list chemicals are present
- No ozone-depleting gases are used during the manufacturing process
- Volatile organic compounds (VOCs) generated in the manufacturing process is classified as low (0.01 mg/m<sup>3</sup>)s
- Safe, non-irritant, non-toxic, and non-allergenic
- Products are 100% recyclable
- High reuse potential



Martini's Product Stewardship Program can be viewed at [www.csrmartini.com.au](http://www.csrmartini.com.au).

## Pack specifications

Product	Recovered thickness (mm)*	Size (m x mm)	Rolls per pack	m <sup>2</sup> per pack	Product Code
MSB2	50	16.3 x 450	3	22.0	127818
MSB2	50	16.3 x 610	2	19.8	126343
MSB3	65	16.3 x 450	3	22.0	127819
MSB3	65	16.3 x 610	2	19.8	126344
MSB4	75	16.3 x 450	3	22.0	127820
MSB4	75	16.3 x 610	2	19.8	126345
MSB5	85	13.6 x 450	3	18.3	127821
MSB5	85	13.6 x 610	2	16.5	126346
MSB6	100	13.6 x 450	2	12.2	129187
MSB6	100	13.6 x 610	2	16.5	126347

\*Product thickness recovery time can vary depending on length of time in compressed packaging and air temperature.

## Physical description and properties

<b>Flash Point:</b>	None allocated		
<b>Other Properties:</b>	Non-allergenic, low irritant, low flame response, resilient		
<b>Ingredients:</b>	Organic, long chain synthetic polymer		
<b>Max Service Temp:</b>	150°C		
<b>Alkalinity:</b>	pH 7.8 (pH 7 is neutral)		
<b>Moisture Absorption:</b>	Exposure to an atmosphere of 50°C and 95% RH for four days gives moisture absorption of less than 0.2% by volume		
<b>Fire Resistance:</b>	The following results were obtained when CSR Martini product was subjected to early fire hazard testing in accordance with Australian Standards AS 1530.3.	Ignitability Spread of Flame Heat Evolved Smoke Developed	0 0 0 0-1

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