martini

Martini dECO QUIET PANEL

High performance decorative acoustic panels

martini™
SAINT-GOBAIN
dECO QUIET PANEL

CSR

dECO Quiet Panel

- Broad range frequency absorption wall and ceiling finish.
- Available in dECO Velour colour range.
- Self-healing pinnable surface and is Velcro® receptive.
- Direct fix installation.

Applications

Interior wall and ceiling panelling, workstation partitions and pin boards in spaces such as offices, meeting rooms, theatres, restaurants, libraries, classrooms, sports halls and lecture theatres.

Decorative Finishes

Have design freedom with an extensive range of fabric face colours of dECO Velour. Refer to the dECO Velour Colour Guide for further information. For other finishing options, consult your CSR Martini representative.

Environmental Benefits and Credentials

Manufactured from thermally bonded polyester fibre with up to 9-53% recycled fibre content. 9-14% from post-consumer PET packaging such as empty drink bottles and 0-44% post-industrial and pre-consumer PET.

- Global GreenTag certified GreenRate
- Environmental Product Declaration (EPD) Certified in accordance with ISO 14025
- Global GreenTag HealthRate
- Declare Transparency Label
- Suitable for Green Star™ projects
- LBC Red List Free
- No ozone-depleting gases are used during the manufacturing process
- 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

Finishes

martini
dECO VELOUR

*dECO Quiet Panel 9mm and 15mm is not available in Snow, Ice or Porcelain Velour.

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Acoustic Performance

Frequencies	125hz	250hz	500hz	1,000hz	2,000hz	4,000hz	NRC
9mm (direct fix)	0.05	0.05	0.20	0.40	0.60	0.75	**0.30**
9mm (14mm air gap)	0.05	0.10	0.25	0.50	0.75	0.90	**0.40**
9mm (24mm air gap)	0.05	0.15	0.45	0.80	0.95	0.95	**0.60**
15mm (direct fix)	0.05	0.10	0.40	0.70	0.90	0.95	**0.50**
15mm (14mm air gap)	0.05	0.15	0.45	0.80	0.95	0.95	**0.60**
15mm (24mm air gap)	0.10	0.20	0.55	0.90	1.00	0.95	**0.65**
25mm (direct fix)	0.10	0.45	0.80	0.95	0.95	0.90	**0.85**
50mm (direct fix)	0.35	0.80	1.00	1.00	1.00	1.00	**1.00**

Tested in accordance with AS/ISO 354:2006

Product Specifications

Thickness (mm)	9	9	15	15	25	25	50	50
Length (mm)	2420	2720	2420	2720	2420	2720	2420	2720
Width (mm)	1210	1210	1210	1210	1210	1210	1210	1210
Coverage (m^2)	2.92	3.29	2.92	3.29	2.92	3.29	2.92	3.29
Sheets per box	8	8	5	5	6	6	3	3
R-value					**0.68**	**0.68**	**1.36**	**1.36**

Tolerance in sizes: thickness +/- 2mm; length +/- 10mm; width +/- 5mm

Physical Description and Properties

Melting point:	250˚C
Flash point:	None allocated
Other properties:	Non-allergenic, low irritant, low flame response, resilient
Ingredients:	Organic, long chain synthetic polymer
Max service temp:	110˚C
Alkalinity:	pH 7.8 (pH 7 is neutral)
Moisture absorption:	Exposure to an atmosphere of 50˚C and 95% RH for four days gives moisture absorption of less than 0.2% by volume

Fire resistance:

Tested to AS ISO 9705 Corner Burn in accordance with AS 5637.1

Group 1
SMOGRA not more than $100 m^2/s^2$ x 1000

The following results were obtained when Martini dECO Quiet Panel 15mm was subjected to early fire hazard testing in accordance with AS 1530.3

Ignitability	7
Spread of Flame	0
Heat Evolved	3
Smoke Developed	8

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CSR Martini Pty Limited
P.O. Box 560, Ingleburn NSW 1890
martinienquiries@csr.com.au
1300 767 776

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