

MEDISHIELD



UP TO 72%
RECYCLED
CONTENT



GROUP 1 TO
AS 5637.1:2015



BALANCED
ACOUSTIC
PERFORMANCE



RH99 HUMIDITY
RESISTANCE
AT 0°C - 49°C



15 YEAR
STANDARD
WARRANTY



ACOUSTIC CEILING FOR HEALTHCARE PROJECTS

MATERIAL PERFORMANCE:

- Advanced antimicrobial properties for optimal occupant health
- Damp cloth cleanable
- Bright surface finish giving 90% light reflectance
- Dimensionally stable in high-humidity environments up to RH99
- Balanced acoustic performance for patient recovery and privacy
- NRC 0.70 for in-room acoustic comfort
- Up to 43 CAC for room-to-room privacy
- Paint-sealed and treated edges for durability and particle control
- Global GreenTag GreenRate Level A for sustainable design

MEDISHIELD

ANTIMICROBIAL PROPERTIES:

Laboratory testing confirms that the surface of Apollo Medishield has greater than 99.99% resistance to a large sample of microbes, including:

- Escherichia coli and Staphylococcus aureus (MRSA)

Further, testing showed a 0% growth rate of the following:

- Aspergillus niger
- Aspergillus flavus
- Trichoderma viride
- Aureobasidium pullulans
- Cladosporium herbarum
- Paecilomyces variotii
- Penicillium citrinum

PANEL OPTIONS:

Options	Standard Formats (mm)*	NRC	CAC	Carton Size
MBS Apollo eMineral Medishield 19mm	1200 x 600 or 600 x 600	0.70	40	5.76m ² (8pcs)
MBS Apollo eMineral Medishield 22mm	1200 x 600 or 600 x 600	0.75	43	4.32m ² (6pcs)



*Other formats available. Please confirm before specifying

TECHNICAL PROPERTIES:

Composition:
Mineral fibre core with antimicrobial painted fleece surface and edges

Humidity Resistance:
RH99 Humidity Resistance at 0°C - 49°C

Fire Performance:
Group 1 to AS 5637.1:2015

Air Permeability:
PM1 ($\leq 30 \text{ m}^3/\text{h}\cdot\text{m}^2$)

Light Reflectance:
90%

Thermal R-Value:
R 0.35m²·K/W 19mm / R 0.42m²·K/W 22mm

Seismic Weight:
19mm – 4.9kg/m²
22mm – 5.8kg/m²

Sustainability:
Global GreenTag GreenRate Level A & HeathRate Platinum Health

SPECIFICATION WORDING

Ceiling Ref: CT01 (Antimicrobial Mineral Fibre Ceilings)

Material: MBS Apollo eMineral Medishield 19mm

Format: 1200 x 600mm SQ (Square Edge)

Sound Absorption: 0.70 NRC

Sound Attenuation: 40 CAC

Fire Performance: Group 1 to AS 5637.1:2015

GreenTag: GreenRate Level A

Humidity: RH99 Humidity Resistance at 0°C - 49°C

Lead Time: 8-10 weeks for large commercial quantities

Suspension System: Apollo Steel T24 grid powder coat RAL 9003 to match tile

Contact: 03 9580 7800 hello@mbsarchitectural.com.au

EDGE DETAILS

