



# AM360

All things antimicrobial

AM-Clad<sup>®</sup> in Australia



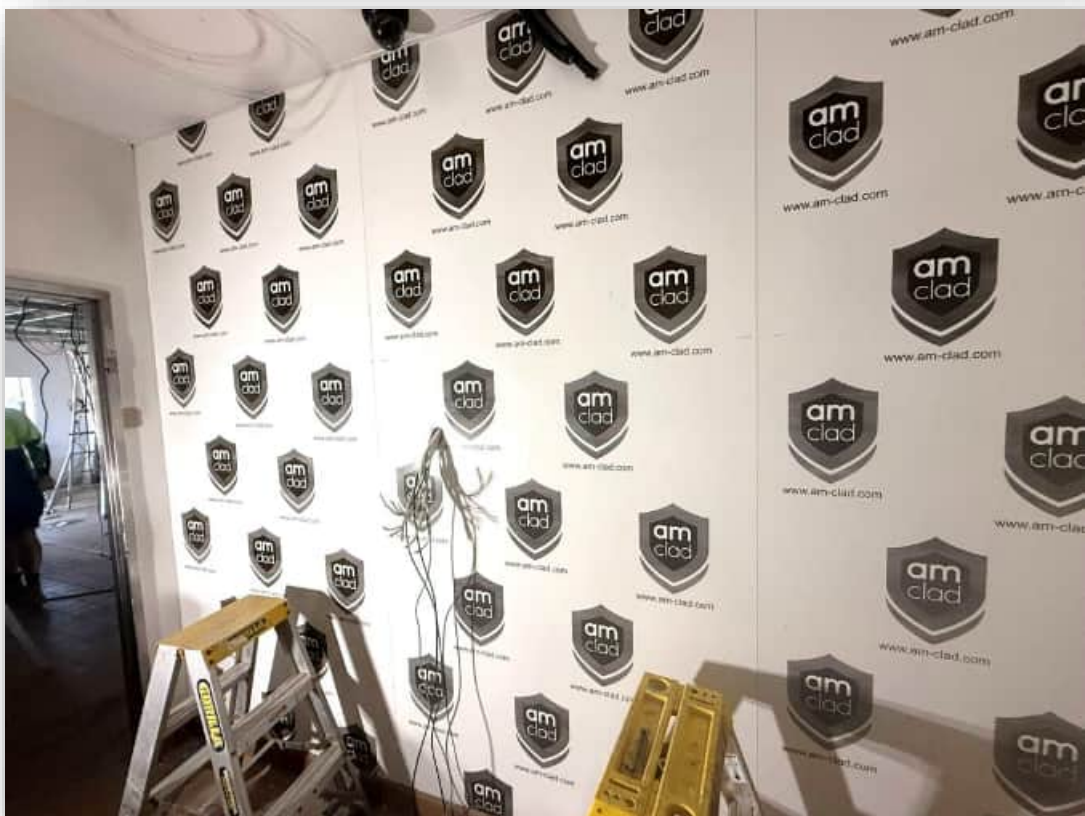
1300 790 729

[www.AM360.au](http://www.AM360.au)















## OUR PREMIUM RANGE OF PVC WALL CLADDING AND PROTECTION

Our range of high-grade PVC systems offer you a choice of colours, finishes and performance levels to meet all of your specifications.

AM-Clad antimicrobial and hygienic sheets and accessories are proven in a wide range of sectors, including UK NHS operating theatres, food, drink and tech manufacturing facilities, schools, retail (front and back of house), laboratories and pharmaceutical plants. Our materials are installed by our network of approved *Principal Installers* to ensure a quality finish on every project.

The AM-Clad team have decades of experience within the PVC Cladding industry and are well versed in all aspects of cladding a hygienic environment. We will offer you expert advice on the ideal cladding solution for your next hygienic upgrade installations.



## SHEET DETAILS

### 2.5mm AM-Clad PVC Wall Cladding

2440mm (8') x 1220mm (4')

3050mm (10') x 1220mm (4')

Finish: Satin or gloss

Weight: 3.5 kg per m<sup>2</sup>

Service temp: -10°C to +60°C

## PREPARING THE SURFACE

AM-Clad products should be fitted to a plumb surface that is clean, dry, smooth and free from dust, grease and flaking paint. It can be fitted over existing tiles, fair-faced brickwork, blockwork, plaster walls and boarded-out stud partitions.

The sheets fix directly to the dry substrate using high quality AM-Clad trade adhesives. See the AM-Clad Installation Guide for full details.

## CUTTING AND DRILLING

Sheets can be cut to size using a fine-toothed, circular or jig saw and specialist hand tools. Use slow machine/drill speeds to prevent overheating.

## METHOD OF FIXING

Systems and sheets should be bonded to the wall with AM-Clad trade adhesive.

## JOINTS

Sheets are fixed using matching PVC 'H-Divider' joints and end trims, flush hot welded joints, or matching foodsafe silicone sealant. Always leave an expansion gap of 3mm to 4mm at all joints/fixings – see current Datasheet and Fixing Detail PDFs for guidance.

## CORNERS

Sheets can be expertly thermoformed on-site ensuring a professional finish and minimising edge joints around corners, windows and doors.

## FLOOR JUNCTION

Specialist PVC profiles create a neat interface between AM-Clad sheets and floor detail, or a vinyl overlay, as required.

## CHEMICAL RESISTANCE

High resistance to mineral acids, alkalis, plating solutions, paper making chemicals, pickling solutions, inorganic solutions and fumes. See individual Datasheets for more details.

## FIRE RATINGS

AM-Clad products have been independently tested to the following classifications:

AS 5637.1 (AS ISO 9705)	Group 1
EN 13501	B, s3, d0
BS 476 Part 6	Class 0
BS 476 Part 7	Class 1

## CLEANING

Regular cleaning using a soft cloth and a suitably diluted mild detergent is all that is normally required. Do not use abrasive pads or wire wool. Do not clean above 60°C.

## WARRANTY

AM-Clad systems are guaranteed for 30 years. Full Warranty details are available on request.

## STORAGE

Sheets should be stored away from direct sunlight at a temperature within a 13°C to 40°C range.

## LIMITATIONS

AM-Clad sheets should not be used in rooms where the temperature exceeds 60°C or near a naked flame.



The **30 Year Guarantee** covers:

Both the **integrity and product performance** of the PVC cladding,

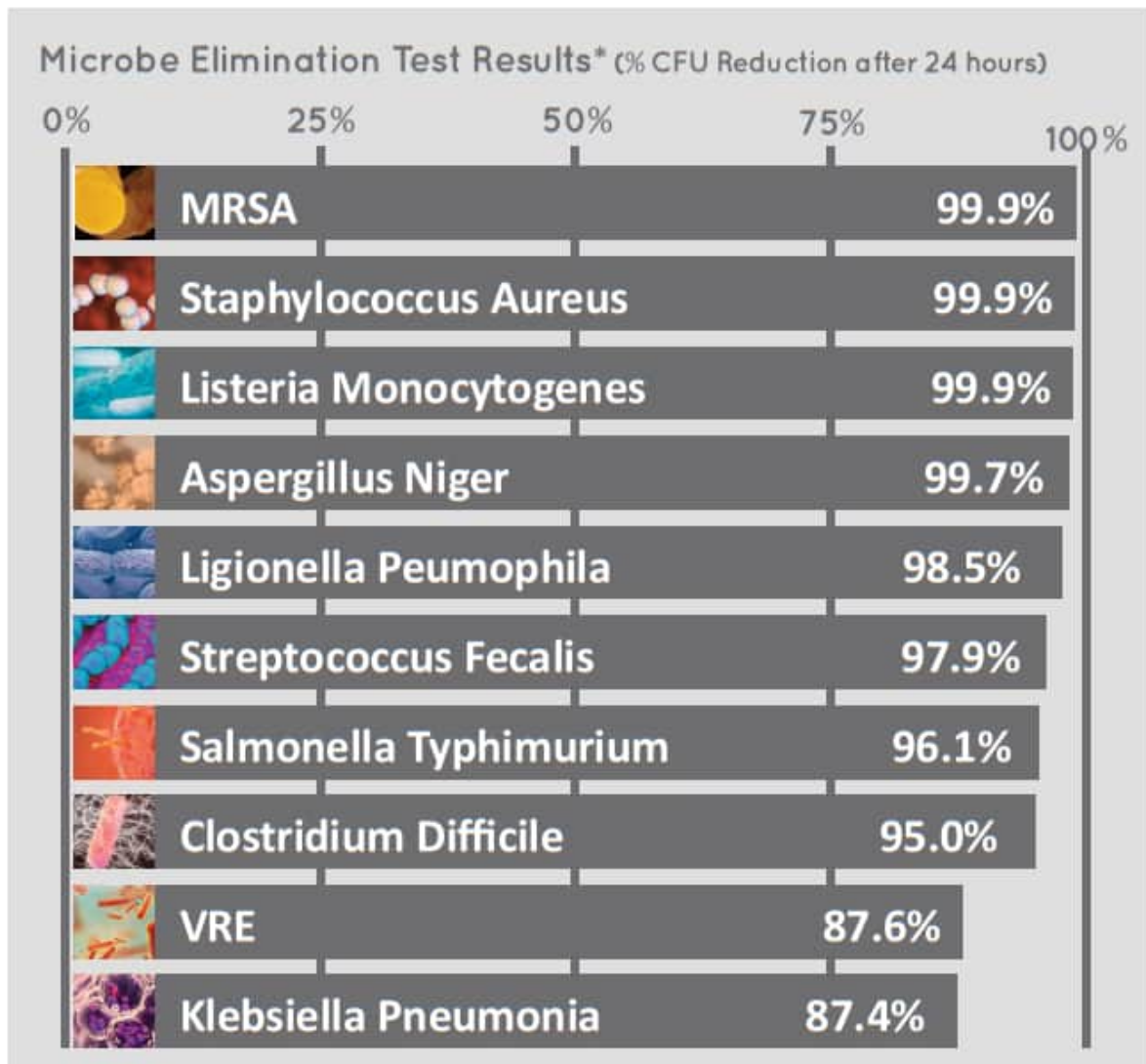
and the **antimicrobial performance**.



# Proven Antimicrobial Performance

AM-Clad antimicrobial wall cladding has a smooth, satin surface. The antimicrobial properties are added during manufacturing and its active ingredients contain no toxins and prevent the growth of bacteria, mould and viruses – including MRSA and food contaminants.

AM-Clad’s biocidal performance was measured in an independent test and the results are recorded and illustrated in the chart below. It is highly effective against the top ten most common pathogens or ‘superbugs’ and its resistance to chemicals ensures no reduction in performance over time.

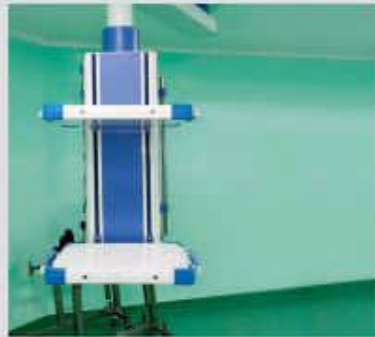


\*In an independent lab test, 10 common microbes were selected, and each of them was incubated on panels for 24hrs at 37°C and >90% RH. As the table shows, AM-Clad panels demonstrate high antimicrobial activity. Use of AM-Clad, along with an adequate cleaning regime, would significantly reduce microbial growth, including dangerous pathogens.

# Technical Data

## AM-Clad 2.5mm Antimicrobial Cladding Systems

Property	Method*	Conditions	Units	Value
Density	D-792		g/cm <sup>3</sup>	1.4
Heat deflection temperature (HDT)	D-648	Load: 1.82MPa	°C	65 - 68
Service temperature			°C	-10 to +50
Thermal conductivity	C-177		W/m K	0.15
Coefficient of linear thermal expansion	D-696		cm/cm °C	6.7 x 10 <sup>-5</sup>
Rockwell hardness	D-785		R Scale	97R
Tensile strength at yield	D-638	10mm/min	MPa	50
Tensile strength at break	D-638	10mm/min	MPa	45
Elongation at yield	D-638	10mm/min	%	3
Elongation at break	D-638	10mm/min	%	>80
Tensile modulus of elasticity	D-638	1mm/min	MPa	2,900
Flexural strength	D-790	1.3mm/min	MPa	80
Flexural modulus	D-790	1.3mm/min	MPa	2,700
Impact falling weight	ISO 6603/1 E50	3mm sheet	J	95



Talk to us about your next project

---

1300 790 729

SERVICE@AM360.AU

### Want to work with us

Get in touch to receive your free quote or request a measure up. One of our specialists will be able to answer all your questions

