



Yorkshire
COMMERCIAL INTERIORS



PRODUCT DATA SHEET



am-clad
hygienic pvc wall cladding

AM-Clad 2.5mm
High grade, hygienic PVC
wall cladding system

www.yorkshire.com



AM-Clad Hygienic 2.5mm Colors PVC Cladding Sheets

AM-Clad Hygienic 2.5mm Colors PVC is a best-selling hygienic cladding sheet with proven performance across several market sectors including industry, healthcare, catering, retail, education and commercial.

It is made from premium grade solid PVC and is cost-effective and versatile. AM-Clad Hygienic is suitable for most cladding jobs in hygienic and foodsafe areas. It is non-toxic and has a proven track record in environments where strict hygiene standards must be maintained.

The color-fast panels are UV-stabilised which prevents the colors from fading. The sheets also offer levels of electrical and thermal insulation.

AM-Clad Hygienic meets US hygiene requirements and meets ASTM Class A US Fire Rating standards when installed to a non-combustible surface.

It has been used in thousands of successful installations for leading industrial brands including Coca-Cola, Nestle, and Britvic. AM-Clad Hygienic must be adhered to a plumb surface using approved adhesives and can be installed over existing ceramic tiles, brickwork, blockwork, plaster walls and boarded-out stud partitions.

For further information or technical advice get in touch using the contact details below.



AM-Clad Hygienic PVC is trusted worldwide by leading building contractors, architects, specifiers and surveyors and we are experts in cladding solutions and all aspects of safety and hygiene performance.

Suitable for:

restaurant kitchens, food and drink manufacturers, food counters, school canteens, changing rooms, WCs, corridors, industrial manufacturing plants, offices, sports clubs, leisure centres, hotels, laboratories, pharmacies, surgeries, care homes and mortuaries.

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Yorkshire Commercial Interiors
www.yorkshire.com
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Email: yorkshire@yorkshire.com

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Description

Extruded semi-rigid UPVC sheet

Performance: Foodsafe and UV stabilised.

Colors: White.

Surface finish: Satin.

Measurements

2.5mm AM-Clad Hygienic PVC:

8ft x 4ft (2438mm x 1220mm x 2.5mm)

9ft x 4ft (2744mm x 1220mm x 2.5mm)

10ft x 4ft (3048mm x 1220mm x 2.5mm)

Weight: 6lbs 3oz per square yard

Service temp: 4° to 140° Fahrenheit
(-10°C to +60°C)

Flammability

AM-Clad Hygienic is self-extinguishing and complies with the most demanding international fire resistance standards defined for plastics, as shown below.

Standard:	Classification:
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EN 13501	B, s3, d0
DIN 4102	B-1
BS 476/7	Class 0
NSP 92501,5	M-1
ASTM E 84	Class A

Chemical Resistance

High resistance to mineral acids, alkalis, plating solutions, paper making chemicals, pickling solutions, inorganic solutions and fumes. Good resistance to alcohols, aliphatic hydrocarbons, glycols, amines, phenols. Not recommended for contact with ketones, chlorinated solvents, aromatic hydrocarbons, some esters and ethers.

Surface Preparation

Sheets should be adhered to a plumb surface and can be installed over existing tiles, brickwork, blockwork, plaster walls and boarded-out stud partitions. The sheets adhered directly to the dry substrate using professional adhesives.

Cutting and Drilling

Sheets can be cut to size using band, circular or jig saws. The protective film on every sheet should be left in place until installation begins. Use slow machine/drill speeds to prevent overheating.

Joints

Sheets are installed using PVC 'H-Divider' joints and end trims. Hot welded joints are occasionally recommended, but are not needed for standard installations. Powder coated aluminium 'H-Divider' joints offer a robust and stronger alternative for high traffic areas where impacts are likely. Thermoforming requires temperatures between 266°F and 338°F.

Corners

Sheets can be expertly thermoformed on-site ensuring a professional finish and minimising edge joints around corners, windows and doors. External corners in high traffic areas can also be over-clad with robust corner protectors.

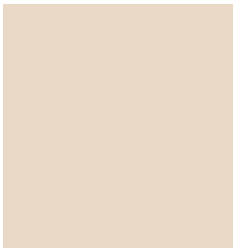
Cleaning

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 140°F.

Temperature

2.5mm AM-Clad Hygienic sheets have a maximum working temperature of 140°F. For higher temperatures (e.g. open flame areas in kitchens) we recommend stainless steel panels.

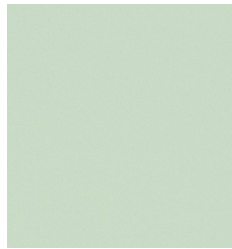
AM-Clad Hygienic 2.5mm Colors PVC Cladding Sheets



IVORY



PASTEL BLUE



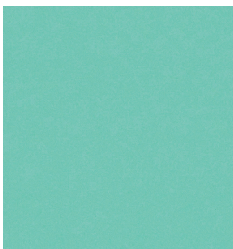
PASTEL GREEN



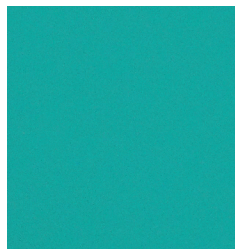
AVOCADO



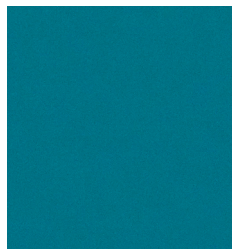
APPLE GREEN



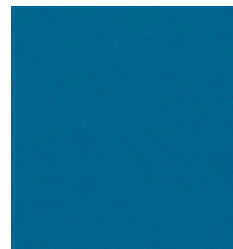
AQUA



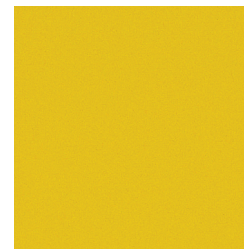
TURQUOISE



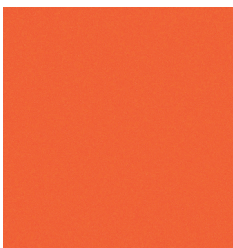
TEAL



BLUE



CANARY YELLOW



TANGERINE



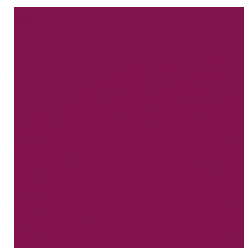
CHILLI RED



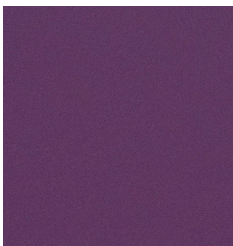
RED



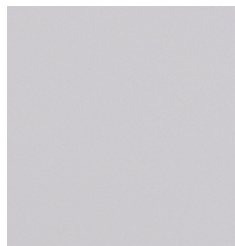
PINK



PURPLE



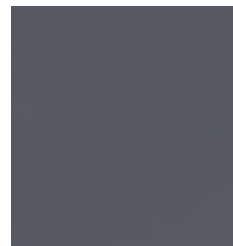
PLUM



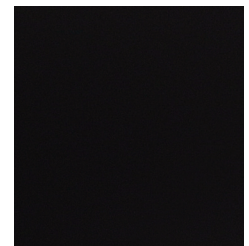
PASTEL GREY



MCDONALD'S GREY



TITANIUM



BLACK



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Technical Data

AM-Clad Hygienic 2.5mm Colors PVC Cladding Sheet

Property	Method*	Conditions	Units	Value
Density	D-792		g/cm ³	1.4
Heat deflection temperature (HDT)	D-648	Load: 1.82MPa	°F	149 to 155
Service temperature			°F	4 to 140
Thermal conductivity	C-177		W/m K	0.15
Coefficient of linear thermal expansion	D-696		cm/cm °C	6.7 x 10 ⁻⁵
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



Contact Yorkshire today:

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Email: yorkshire@yorkshire.com

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executive per project.**

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