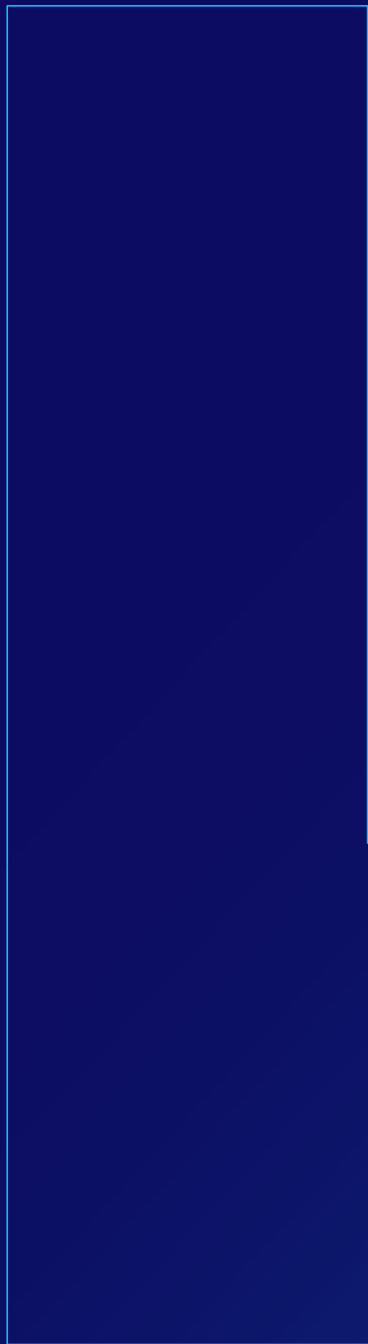


Cladding for Daycare & Care Homes



Kleenclad

Creches, Daycare & Care Homes

Why Kleenclad works for **childcare & care settings**

Kleenclad is a high-performance antimicrobial wall cladding system that works equally hard in two demanding worlds — early-years childcare and elderly care. From nursery playrooms to care-home bedrooms, washrooms and communal lounges, it helps both settings maintain visible hygiene, resist constant wear and create bright, reassuring spaces for the people in their care.



DAYCARE & NURSERIES

Play & Activity Rooms

High-touch zones where toys, hands and surfaces meet all day.

Feeding & Dining Areas

Frequent spills and food residue that need fast wipe-downs.

Washrooms & Nappy-Change

First line of defence against germs spreading between children.

Sleep, Nap & Cloakroom

Calm, clean zones for rest, arrivals and parent traffic.



CARE HOMES & ASSISTED LIVING

Resident Bedrooms & Ensuites

Wipe-clean walls that resist knocks from mobility aids.

Assisted Bathrooms & Wet Rooms

Water-tight, seam-welded surfaces for high-moisture areas.

Communal Lounges & Dining

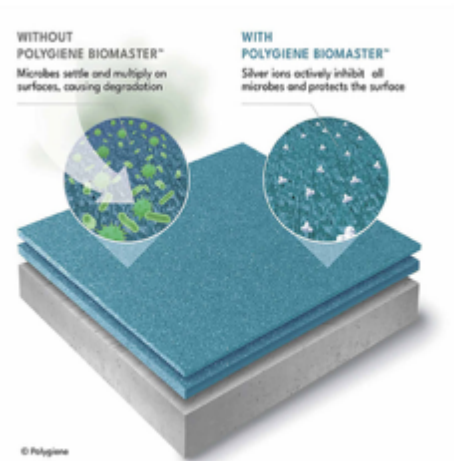
Durable, easy-clean finishes for busy shared spaces.

Corridors, Sluice & Nursing

Hard-wearing hygiene across clinical support zones.

How Kleenclad works

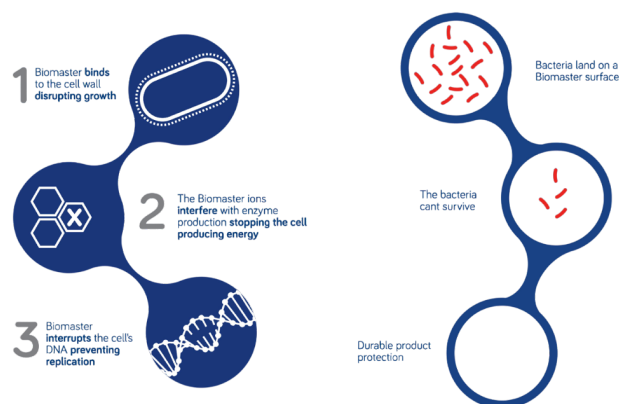
Kleenclad is manufactured with Polygiene Biomaster™ — a silver-ion antimicrobial technology built into the material, not applied as a surface coating. Silver ions inhibit the growth of bacteria, mould and fungi on the surface.



Surface protection — with vs. without Polygiene Biomaster™.

- ✓ Built into the material — protection won't wash off or wear away.
- ✓ Reduces microbial load on surfaces between cleaning cycles.
- ✓ Lasts the lifetime of the panel; no reapplication needed.
- ✓ Inhibits growth of common environmental organisms such as E. coli, S. aureus and mould.

How the silver-ion technology works



Built-in. Long-lasting. No reapplication. Antimicrobial action complements — but does not replace — routine cleaning and standard hygiene protocols.

ZONE FOCUS

Zones we serve

DAYCARE & NURSERY ZONES



Play & Activity

Impact-resistant, wipe-clean panels that shrug off daily play.



Messy Play & Art

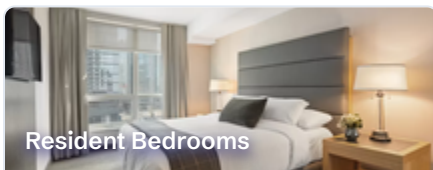
Stain- and moisture-resistant surfaces that clean up in seconds.



Washrooms

Seam-welded, water-tight cladding with no dirt traps.

CARE-HOME & ASSISTED-LIVING ZONES



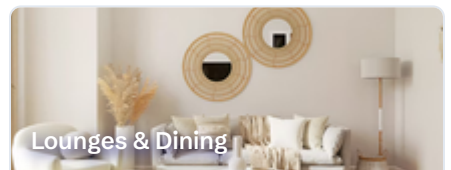
Resident Bedrooms

Low-maintenance walls that resist knocks from mobility aids.



Assisted Bathrooms

Water-tight, coved surfaces for high-moisture wet rooms.



Lounges & Dining

Durable, easy-clean finishes for busy communal spaces.

OPERATIONAL IMPACT — ACROSS BOTH SECTORS

- Helps reduce the spread of germs — from nurseries to care homes.
- Durable surfaces that withstand years of demanding daily use.
- Reassures parents and families with visibly clean spaces.
- Easy-clean finish speeds up daily cleaning routines.

Safety, hygiene & assurance

Kleenclad supports the safety and hygiene standards that both childcare and care settings are held to — giving operators, regulators, parents and families confidence.



EN 71

Safety of materials in children's environments



ISO 22196

Antimicrobial surface efficacy



Low-VOC & formaldehyde-free

Healthier indoor air quality



Reaction to Fire — B-s3, d0

BS EN ISO 13501-1 classification



EYFS / Ofsted & CQC-ready surfaces

Meets the hygiene, safety and cleaning expectations of early-years (EYFS / Ofsted) and care (CQC / IPC) regulators alike

INSTALLATION & TECHNICAL SUPPORT

Available in multiple sizes & finishes

- Flush-mounted or coved edges.
- Seam welding for wet and washroom zones.
- Custom colour coding and bright room theming.
- Site surveys and layout planning.
- Retrofit strategies for occupied settings.
- Installation supervision and post-install checks.

FOR CARE HOMES & ASSISTED LIVING

In care settings, the same Kleenclad system supports the infection-prevention & control (IPC) expectations behind CQC-style inspections — delivering wipe-clean, antimicrobial, water-tight surfaces across bedrooms, ensuites, assisted bathrooms, sluice rooms and communal areas.



Dementia-friendly colour options



Impact-resistant against mobility aids



Coved, crevice-free junctions



Wipe-clean, low-maintenance walls



Water-tight assisted bathrooms



Antimicrobial surface protection

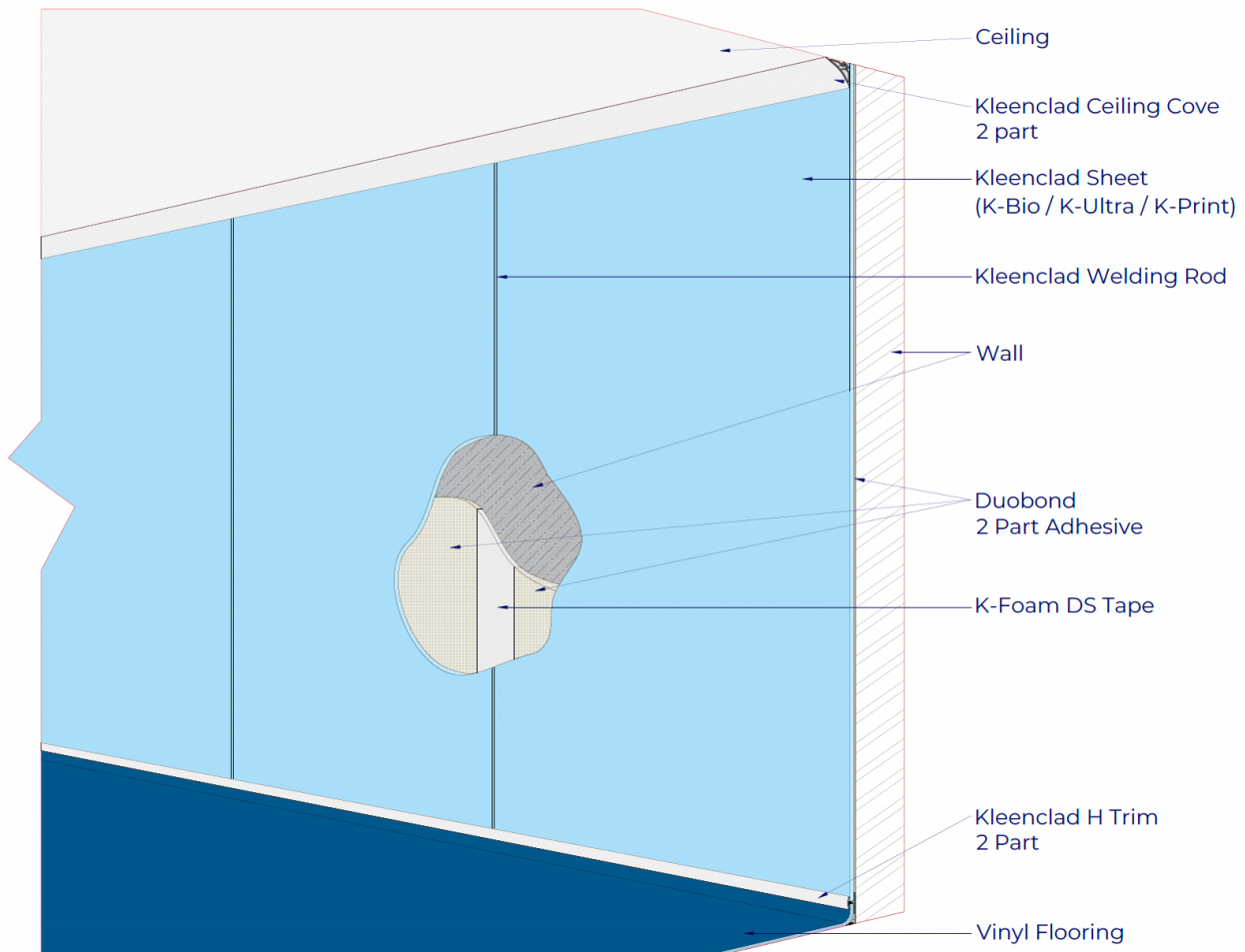
TECHNICAL NOTE — SERVICE TEMPERATURE

Recommended for use in areas where service temperatures remain between -10°C and $+60^{\circ}\text{C}$. Kleenclad PVC cladding suits ambient indoor childcare and care-home environments within this range. It is not recommended for sustained temperatures above $+60^{\circ}\text{C}$ or below -10°C . Confirm site conditions with our technical team before specification.

**A bright, seamless and wipe-clean
envelope — built for the spaces
where the youngest and the eldest
are **cared for every day.****

Installation system detail

A complete Kleenclad installation integrates panels, trims, adhesives and welded joints into one continuous hygienic envelope — with coved junctions at wall-to-ceiling and wall-to-floor that eliminate dirt traps and support full washdown.



System components

- ✓ **Kleenclad Sheet** — K-Bio / K-Ultra / K-Print hygienic PVC panels.
- ✓ **Kleenclad Welding Rod** — heat-welded seams for water-tight wet zones.
- ✓ **Kleenclad Ceiling Cove (2-part)** — coved wall-to-ceiling junction.
- ✓ **Kleenclad H-Trim (2-part)** — clean wall-to-floor termination.
- ✓ **Duobond 2-Part Adhesive** — high-strength panel-to-wall bond.
- ✓ **K-Foam DS Tape** — double-sided tape for instant initial hold.
- ✓ **Coved junctions** — eliminate 90° dirt traps at floor and ceiling.
- ✓ **Vinyl flooring compatible** for a fully sealed hygienic envelope.

CERTIFICATIONS

Independently tested & certified

Every Kleenclad system is backed by accredited test certificates and declarations across hygiene, fire, durability and chemical safety.



ANTIMICROBIAL EFFICACY

Certificate of Antimicrobial Efficacy

K-Bio PVC Sheets · ISO 22196

✓ CERTIFIED



ANTIMICROBIAL EFFICACY

Certificate of Antimicrobial Efficacy

BIOWELD Weld Rods · ISO 22196

✓ CERTIFIED



INGRESS PROTECTION

Certificate of IP66

Water & dust · BS EN 60529

✓ CERTIFIED



VOC CONTENT

Certificate of VOC Content

DUOBOND · Directive 2004/42/EC

✓ CERTIFIED



FIRE CLASSIFICATION

Certificate of Fire Classification

B-s3, d0 · BS EN 13501-1

✓ CERTIFIED



ADHESIVE STRENGTH

Certificate of Adhesive Strength

Lap Shear · up to 326.89 N/mm

✓ CERTIFIED



PHYSICAL PERFORMANCE

Certificate of Impact Resistance

IK10 · BS EN 62262

✓ CERTIFIED



MATERIAL SAFETY

Certificate of Chemical & Heavy Metal

EN 15102:2007 + A1:2011

✓ CERTIFIED



DURABILITY

Certificate of Salt & Mist Durability

BS EN 60068-2-11:1999

✓ CERTIFIED



CE CONFORMITY

Certificate of CE Conformity — K-Bio

EN 15102 · Notified Body 0071

✓ CERTIFIED



CE CONFORMITY

Certificate of CE Conformity — K-Guard

EN 15102 · Notified Body 0071

✓ CERTIFIED



CE CONFORMITY

Certificate of CE Conformity — K-Ultra

EN 15102 · Notified Body 0071

✓ CERTIFIED



CHEMICAL REGULATION

Certificate of REACH Compliance

Regulation (EU) 1907/2006

✓ CERTIFIED



MANUFACTURER DECLARATION

Certificate of VCM & VOC

Class A+ VOC · VCM < 0.1 mg/kg

✓ CERTIFIED





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