



EC-Clad™
HYGIENIC WALL PANELS

CLEANER SURFACES.
SAFER SPACES.
BETTER CARE.™

Engineered for Clean. Designed for People.

EC-Clad™ Hygienic Wall Panels combine seamless aesthetics with superior infection prevention, creating safer, cleaner and more resilient healthcare spaces.



SEAMLESS & HYGIENIC

Heat welded seams create a smooth, non-porous surface that supports infection prevention and rigorous cleaning.



MOISTURE & IMPACT RESISTANT

Durable, waterproof panels resist moisture, impact and everyday wear.



EASY TO CLEAN

Withstands rigorous cleaning and hospital-grade disinfectants.



SUSTAINABLE

Low VOC, certified and 100% recyclable.

**The Ideal Solution
for Healthcare
Environments**



INFECTION
PREVENTION



EASY
MAINTENANCE



SUSTAINABLE
SOLUTIONS



ARCHITECT
APPROVED

Gemini Specialty Finishes

888-661-7770

www.gsfinishes.com



EC-Clad™

HYGIENIC WALL PANELS

TECHNICAL DATA SHEET

HIGH PERFORMANCE | DURABLE | HYGIENIC

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,40
Water absorption	DIN EN ISO 62	%	0,20
Flammability (Thickness from 2.5 mm)	UL 94		V0
Flame and Smoke	CAN/ULC 102.2		Tested
Virgin unplasticized PVC			
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	70
Elongation at break	DIN EN ISO 527	%	10
Tensile modulus of elasticity	DIN EN ISO 527	MPa	3200
Notched impact strength	DIN EN ISO 179	kJ / m ²	2
Shore hardness	DIN EN ISO 868	scale D	83
Ball Hardness	ISO 2039	MPa	140
Bending strength	DIN EN ISO 178	MPa	80
Thermal properties			
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	67
Service Temperature		°C	-10 ... +50
Heat deflection temperature	DIN EN ISO 75	°C	59
Coefficient of linear thermal expansion	DIN EN ISO 11359-2	mm/m K	~ 0,075
Electrical properties			
Dielectric constant	IEC 60250		3,2
Dielectric dissipation factor (10e Hz)	IEC 60250		0,02
Volume resistivity	DIN EN 62631-3-1	Ω * cm	>10 ¹⁵
Surface resistivity	DIN EN 62631-3-2	Ω	>10 ¹⁵
Dielectric strength	IEC 60243	kV / mm	12
Comparative tracking index	IEC 60112	CTI	450



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HEALTHCARE SPACES
THAT INSPIRE CONFIDENCE.

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